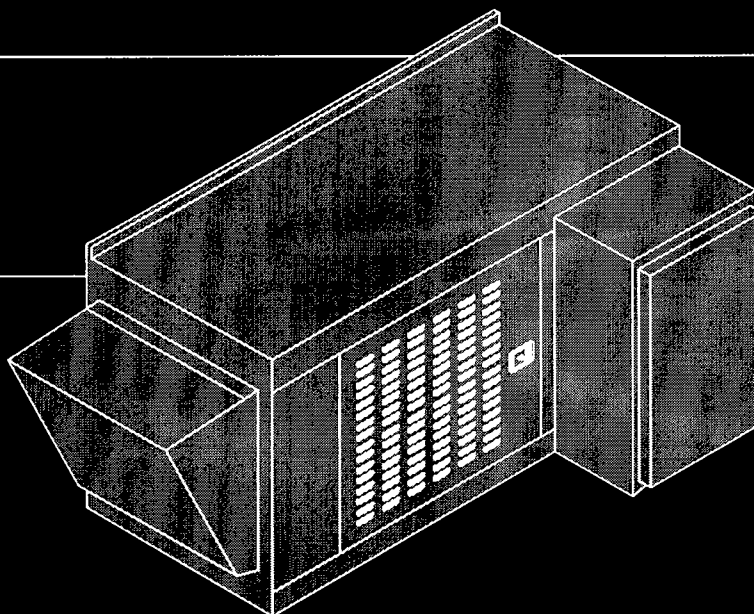


# Parts Catalog

**10GEAA  
20GEAB  
Remote Terminal  
Generator Set**



Printed in U.S.A.

928-0230 GEAA (Spec A), GEAB (Spec A,B) 8-96

Replaces (Spec A) 3-94

## Introduction

This catalog applies to Onan Generator Models GEAA and GEAB as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Unless otherwise mentioned in the description or page heading, parts are interchangeable between models. Throughout this catalog left and right sides are determined by facing the engine-end (front) of the set.

Engine parts that have been modified or added by Onan are identified in this catalog. All other engine replacement parts must be ordered from the engine manufacturer by referring to the engine manufacturer's nameplate and supplying all available information. Contact your nearest engine parts dealer for assistance in ordering replacement parts.

## Replacement Engine

Onan/Cummins Generator Model	Ford Engine Model
GEAA (Spec A)	LSG-4231-6005-A, Spec No. 3X15101
GEAB (Spec A)	LSG-4231-6005-A, Spec No. 3X15101
GEAB (Spec B)	LRG-4231-6005-A, Spec No. 5C199-BA

Replacement engines cannot be ordered from Onan. Order from your nearest Ford distributor.

## Generator Set Data Table

Model and Specification	Electrical Data					Battery Voltage
	Watts	Volts	Hertz	Wire	Phase	
10GEAA/*	10,000	120/240	60	4	1	12 VDC
20GEAB/*	20,000	120/240	60	4	1	12 VDC

\* – The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from the standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

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## Abbreviations

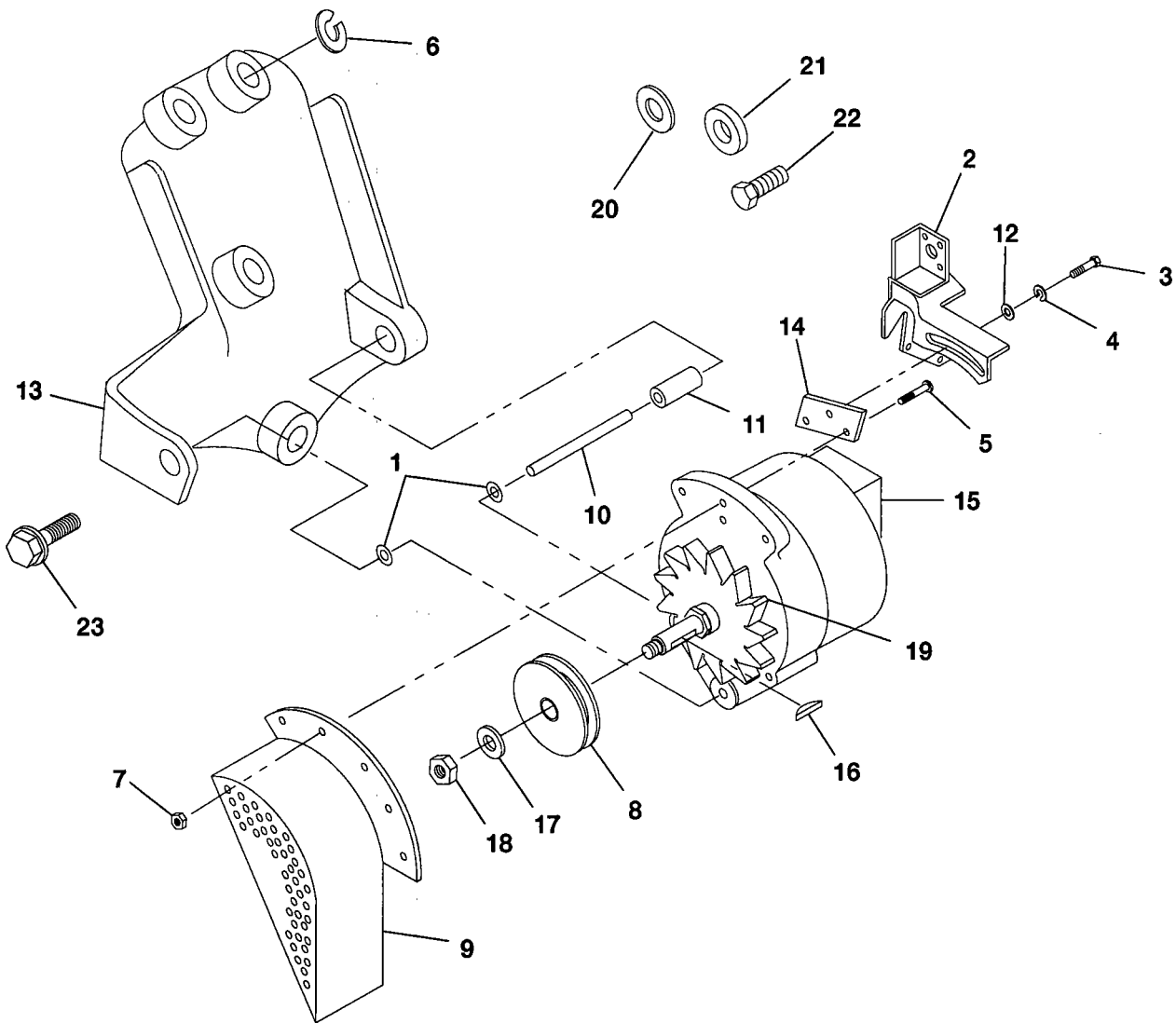
Some of the following abbreviations may be used throughout this Parts Catalog;

Alternating Current	AC	Not For Sale	NFS
Ampere	Amp	Nominal Pipe Thread	NPT
As Required	A/R	Outside Diameter	OD
Automatic Voltage Regulator	AVR	Ounce	oz.
American Wire Gauge	AWG	Permanent Magnet Exciter	PMG
Degree	Deg	Phase	Ph
Direct Current	DC	Printed Circuit	PC
External Tooth	ET	Radio Frequency Interference	RFI
External/Internal Tooth	EIT	Right	RT
Ground Fault Interrupter	GFI	Specification	Spec
Inside Diameter	ID	Thick	Thk
Internal Tooth	IT	Underwriters Laboratories Inc.	UL
Kilowatt	kW	Union National Coarse	UNC
Liquid Petroleum Gas	LPG	Union National Fine	UNF
Left	LT	Volts Alternating Current	VAC
Meter	M(meter Number)	Volts Direct Current	VDC
Millimeter	mm	With	W/(ET, IT, EIT)

## Paint and Thread Sealant

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Onan Green Enamel (Non-Metallic)				Cummins Beige Enamel
525-0305	-	-	13 oz. Pressurized Spray Can	525-0551-02	-	-	13 oz. Pressurized Spray Can
525-0306	-	-	Quart Can	525-0551-03	-	-	Quart Can
525-0304	-	-	Gallon Can	525-0551-04	-	-	Gallon Can
				518-0601	-	-	Sealant, Thread (6 ml Tube)

# Alternator

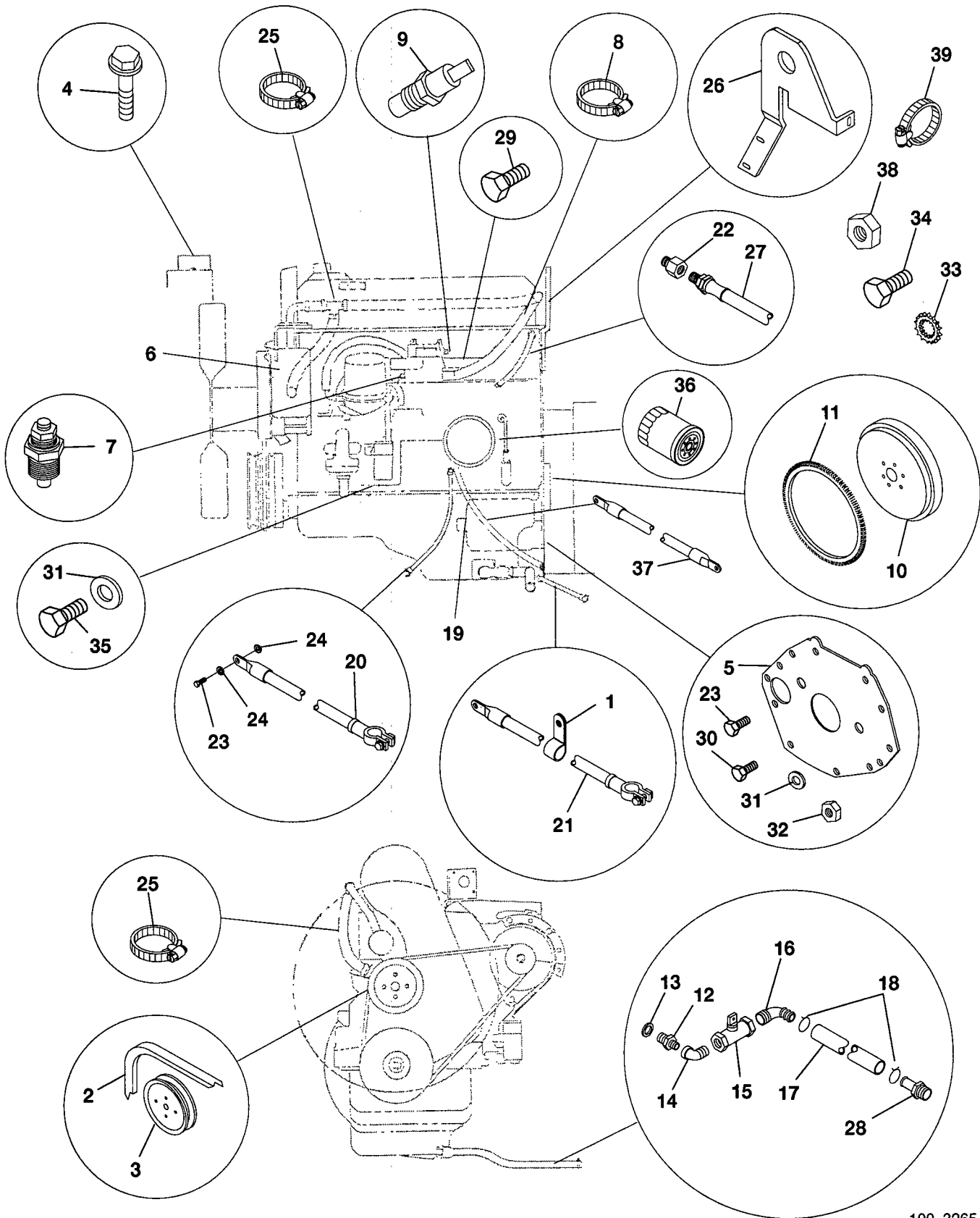


191-1872

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1872	1	Alternator – Complete (Includes Parts Marked *) Spec A	11	191-0571	1	Spacer, Alternator Mounting (11/16" OD x 1-13/16" Long) Spec A
1	526-0032	2	Washer, Flat (7/16")	12	526-0030	1	Washer, Flat (3/8") Spec A
2	191-2090	1	Bracket, Adjusting – Spec A	13	191-1369	1	Bracket, Alternator Mounting – Spec A
3	800-0048	1	Screw, Cap – Hex Head (3/8-16 x 3/4") Spec A	14	191-1375	1	Spacer – Spec A
4	850-0050	1	Washer, Lock – Spring (3/8") Spec A	15	191-1390	1	* Regulator, Voltage – Spec A
5	814-2121	2	Screw, Machine – Slotted – Countersunk Flat Head (M8 x 30mm) Spec A	16	515-0093	1	* Key – Spec A
6	850-2008	3	Washer, Lock – Spring (M8) Spec A	17	851-0039	1	* Washer, Spring – Spec A
7	870-2055	2	Nut, Locking (M8) Spec A	18	191-0941	1	* Nut, Hex (5/16-18) Spec A
8	191-1387	1	Pulley, Alternator – Spec A	19	191-1981	1	* Fan, Alternator – Spec A
9	191-2143-03	1	Guard, Alternator Belt – Spec A	20	526-2148	2	Washer, Flat (M12) Spec A
10	191-0716	1	Spacer, Alternator Mounting (1/2" OD x 2-3/4" Long) Spec A	21	526-0174	2	Washer, Flat (.406" ID x .781" OD x .1345" Thk)
				22	800-2086	1	Screw, Cap – Hex Head (M10 x 25mm)
				23	720-1806	2	Screw, Cap – Hex Washer Head (M12 x 35mm)

\* Parts Included in 191-1872 Alternator

# Miscellaneous Engine Parts



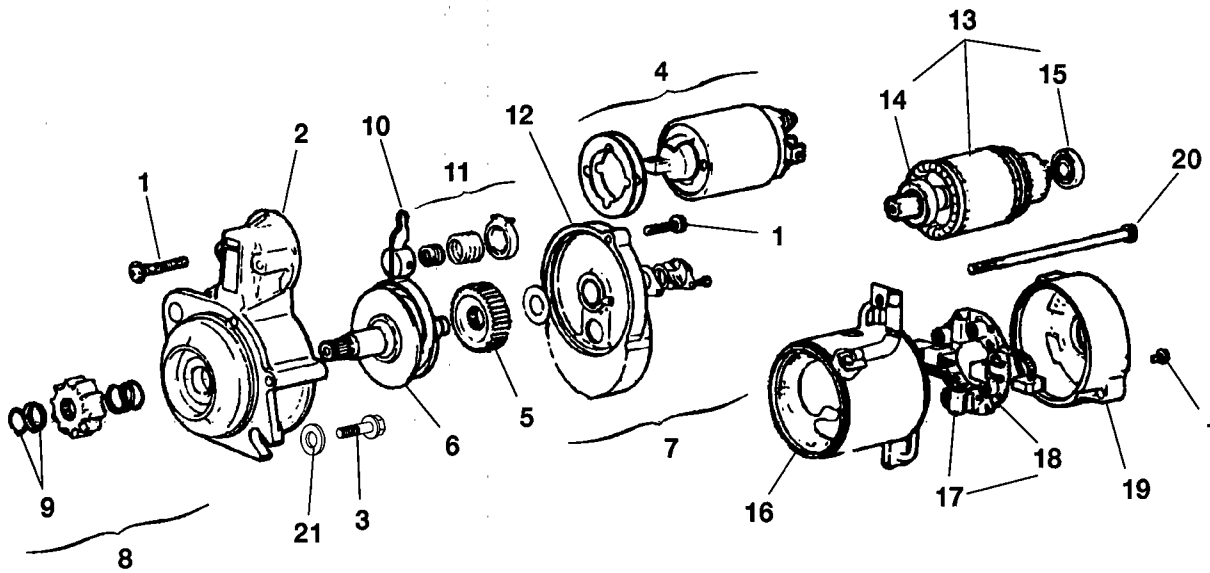
100-3265  
100-3298-01

## Miscellaneous Engine Parts

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2634	3	Clamp, "J"	23	800-2086	3	Screw, Cap – Hex Head (M10 x 25mm)
2	511-0112	1	Belt, Fan – Spec A				
3	512-0154	1	Pulley, Fan – Spec A	24	856-0010	2	Washer, Lock – W/ET (3/8")
4	821-2023	3	Screw, Self-Locking – Hex Washer Head (M5 x 20mm)	25	503-0183	4	Clamp, Hose
				26			Bracket, Lifting
5	101-0813-02	1	Backplate		403-3699-02	1	Spec A
6	191-1872	1	Alternator – Complete (See Page 5 for Components)		403-3823-02	1	GEAB Spec B
			Spec A (G1)	27			Line, Flexible
7	193-0318	1	Sender, Water Temperature (E2) Spec A		501-0003	1	Spec A (9")
					501-0004	1	GEAB Spec B (12")
8	503-0685	2	Clamp, Hose	28	502-0415	1	Coupling, Hose (1/2" Pipe to 5/8" Hose)
9	309-0437	1	Switch, High Engine Temperature (S2)	29	800-2063	1	Screw, Cap – Hex Head (M8 x 50mm)
10	104-1892	1	Flywheel Assembly (Includes Ring Gear)	30			Screw, Cap – Hex Head (M10 x 40mm)
					800-2089	2	M10 x 45mm
11	104-1872	1	Gear, Ring		800-2090	2	
12	102-1054	1	Adapter, Oil Drain	31	526-0174	8	Washer, Flat (.406" ID x .781" OD x .1345" Thk)
13			Gasket, Oil Drain	32	860-2009	4	Nut, Hex (M10)
	102-1320	1	Spec A	33			Washer
	102-0664	1	GEAB Spec B		856-0008	1	Lock – EIT (5/16")
14	505-0050	1	Elbow, Pipe – Street (1/2" x 90 Deg)		850-2008	2	Lock – Spring (M8)
							GEAB Spec B
15	504-0011	1	Valve, Shutoff (1/2")		526-2100	2	Flat (M8) GEAB Spec B
16	502-0632	1	Elbow, Hose – 90 Deg (1/2" Pipe to 5/8" Hose)	34			Screw
17	503-1657	–	Hose – Bulk (5/8" ID) (Order by the Foot – 1 Foot Required)		800-2061	1	Cap – Hex Head (M8 x 40mm)
					815-0828-04	2	Machine – Round Head (M6 x 16mm) GEAB Spec B
18	503-0131	2	Clamp, Hose		800-3036	1	Cap – Hex Head (M8 x 80mm) GEAB Spec B
19	191-1959	1	Starter – Complete (See Page 8 for Components)				
			(B1)	35	800-2086	1	Screw, Cap – Hex Head (M10 x 25mm)
20	416-0530	1	Cable, Battery (16") Negative	36	122-0816	1	Filter, Oil
21	416-0618	1	Cable, Battery (42") Positive	37	416-1016	1	Cable, Ground (32") Starter to Engine
22			Fitting				
	502-0033	1	Connector, Inverted Male – Spec A	38	860-2008	2	Nut, Hex (M8) GEAB Spec B
	502-0065	1	Elbow, Inverted Male – 45 Deg – GEAB Spec B	39	518-0548-02	1	Clamp, Hose



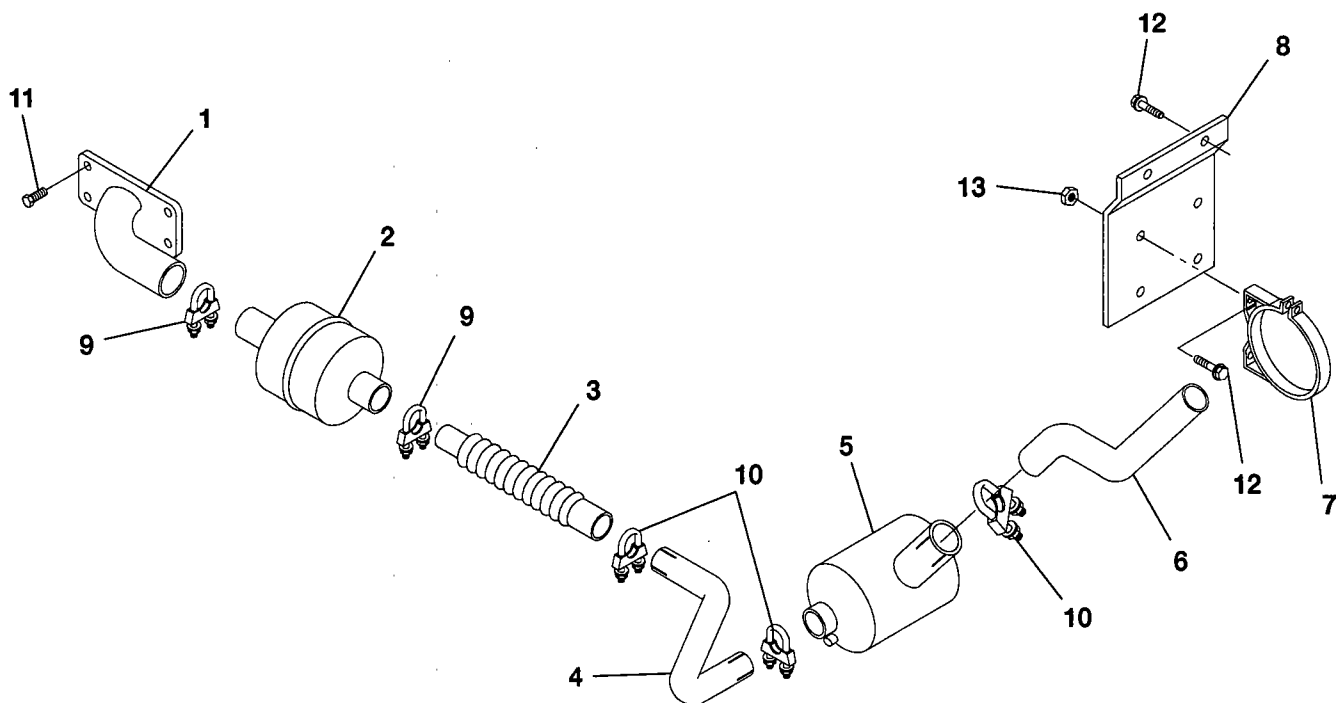
## Starter Components



191-1959

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1959	1	Starter - Complete	11	191-1991	1	Spring Set
1	191-1450	1	Screws (Packaged Set)	12	191-1439	1	Bracket Assembly, Center
2	191-1449	1	Bracket Assembly, Front (Includes Bearing)	13	191-1438	1	Armature Assembly (Includes Bearings)
3	800-2113	2	Screw, Cap - Hex Head (M12 x 35mm)	14	191-1437	1	Bearing, Center
4	191-1994	1	Switch, Solenoid	15	191-1436	1	Bearing, Rear
5	191-1446	1	Gear	16	191-1992	1	Yoke Assembly (Includes Pole Shoes, Field Coil and Positive Brushes)
6	191-1445	1	Clutch	17	191-1993	1	Holder, Brush (Includes Negative Brushes)
7	191-1444	1	Cover Set (Includes Cover, Plate, Washers, Snap Ring and Screws)	18	191-1433	4	Spring, Brush
8	191-1443	1	Pinion Set (Includes Pinion, Spring and Stopper Set)	19	191-1432	1	Bracket, Rear
9	191-1442	1	Stopper Set (Includes Stopper and Ring)	20	191-1431	1	Bolt Set
10	191-1441	1	Lever Assembly	21	526-0174	2	Washer, Flat (.406" ID x .781" OD x .1345" Thk)

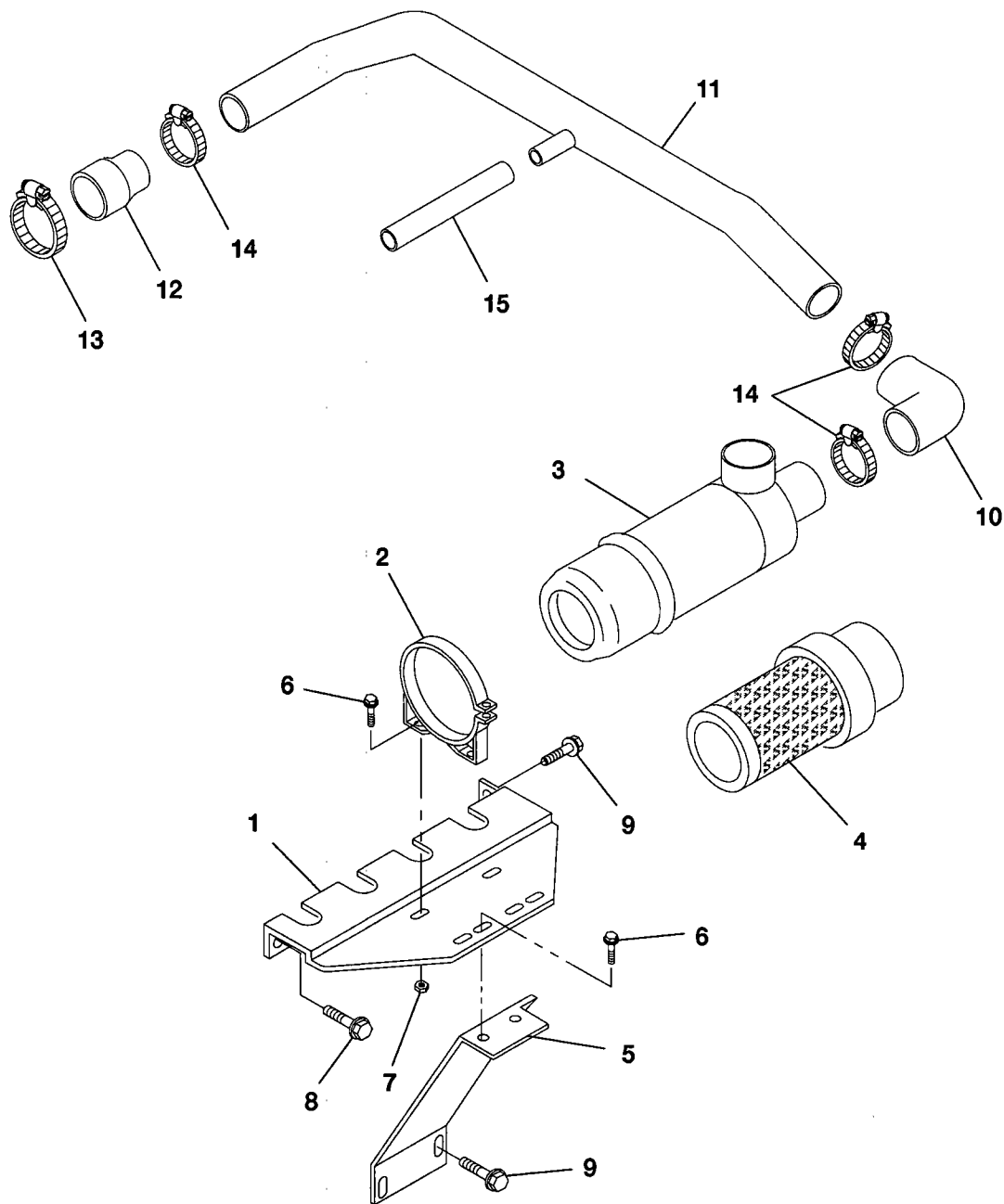
## Muffler



155-2896

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2897	1	Tube, Exhaust	9	155-1239	2	Clamp, Muffler
2	155-2894	1	Muffler, Spark Arrestor	10	155-2548	3	Clamp, Muffler
3	155-2899	1	Tube, Exhaust - Corrugated	11	800-2085	4	Screw, Cap - Hex Head (M10 x 20mm)
4	155-2900	1	Tube, Exhaust	12	815-0858-01	6	Screw, Self-Locking - Hex Flange Head (M8 x 16mm)
5	155-2913	1	Muffler	13	870-2055	4	Nut, Self-Locking (M8)
6	155-2901	1	Tube, Exhaust				
7	140-2214	2	Band, Mounting				
8	155-2906	1	Bracket, Exhaust				

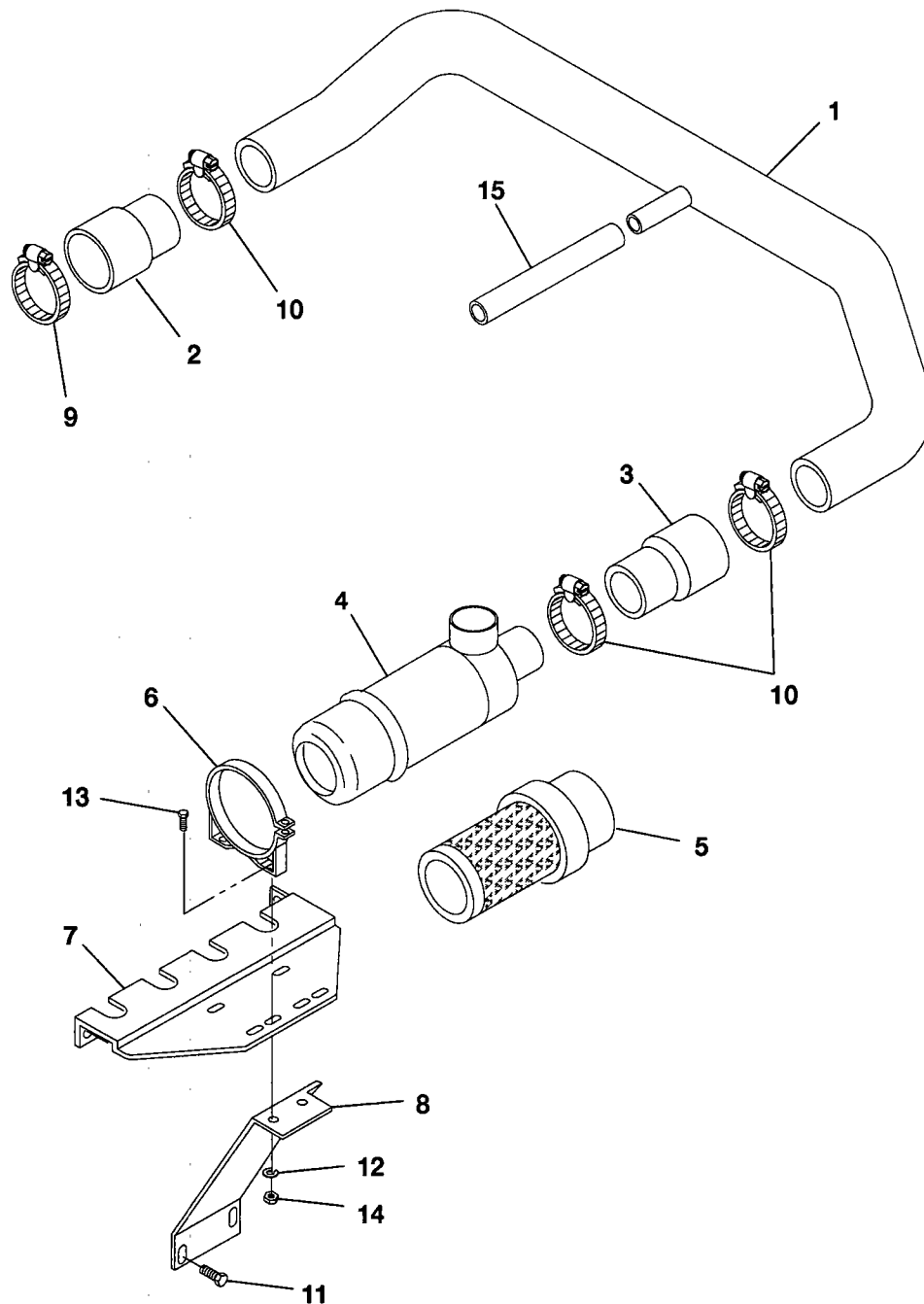
# Air Cleaner Spec A



140-2889

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-2910	1	Bracket, Air Cleaner	9	821-2060	3	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)
2	140-0722	2	Band, Air Cleaner	10	503-0419	1	Elbow, Rubber – Moulded
3	140-0721	1	Cleaner, Air (Includes Element)	11	140-2912-02	1	Tube, Air Cleaner
4	140-0765	1	Element, Air Cleaner	12	503-1074	1	Hose, Reducer
5	140-2911	1	Bracket, Air Cleaner	13	503-0465	1	Clamp, Hose
6	821-2058-01	6	Screw, Self-Locking – Hex Washer Head (M8 x 16mm)	14	503-0365	3	Clamp, Hose
7	870-2055	4	Nut, Self-Locking (M8)	15	503-1837	–	Hose, Breather – Bulk (5/16" ID) (Order by the Foot – 1 Foot Required)
8	821-2076	1	Screw, Self-Locking – Hex Washer Head (M12 x 25mm)				

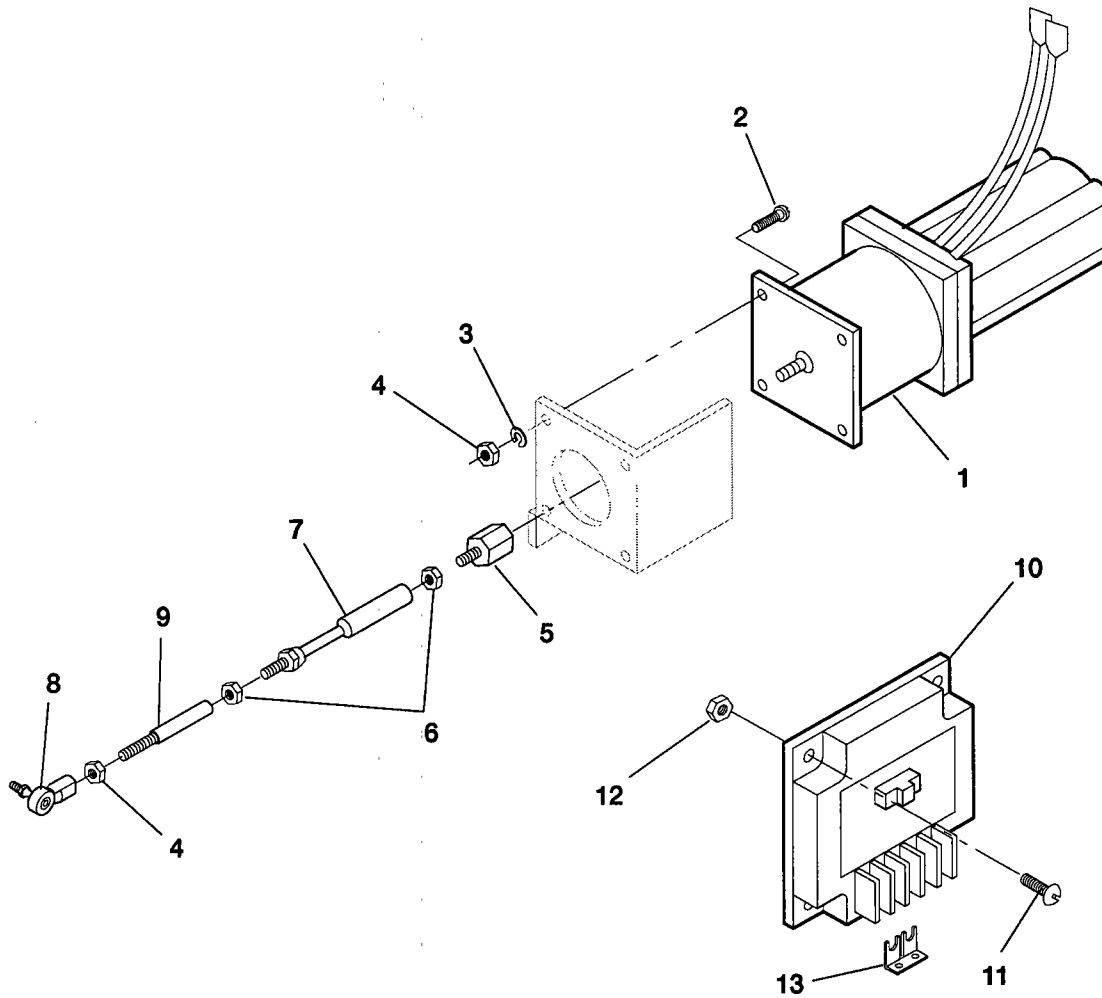
# **Air Cleaner GEAB Spec B**



140-2945

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	140-2948-02	1	Tube, Air Cleaner	11	821-2060	1	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)
2	503-1074	1	Hose, Reducer	12	850-2008	4	Washer, Lock – Spring (M8)
3	140-2954	1	Hose, Reducer	13	800-2057	4	Screw, Cap – Hex Head (M8 x 20mm)
4	140-2276	1	Cleaner, Air (Includes Element)	14	870-2055	4	Nut, Self-Locking (M8)
5	140-2328	1	Element, Air Cleaner	15	503-0276	–	Hose, Breather – Bulk (5/16" ID) (Order by the Foot – 1 Foot Required)
6	140-2304	2	Band, Air Cleaner				
7	140-2955	1	Bracket, Air Cleaner				
8	140-2951	1	Bracket, Air Cleaner				
9	503-0465	1	Clamp, Hose				
10	503-0365	3	Clamp, Hose				

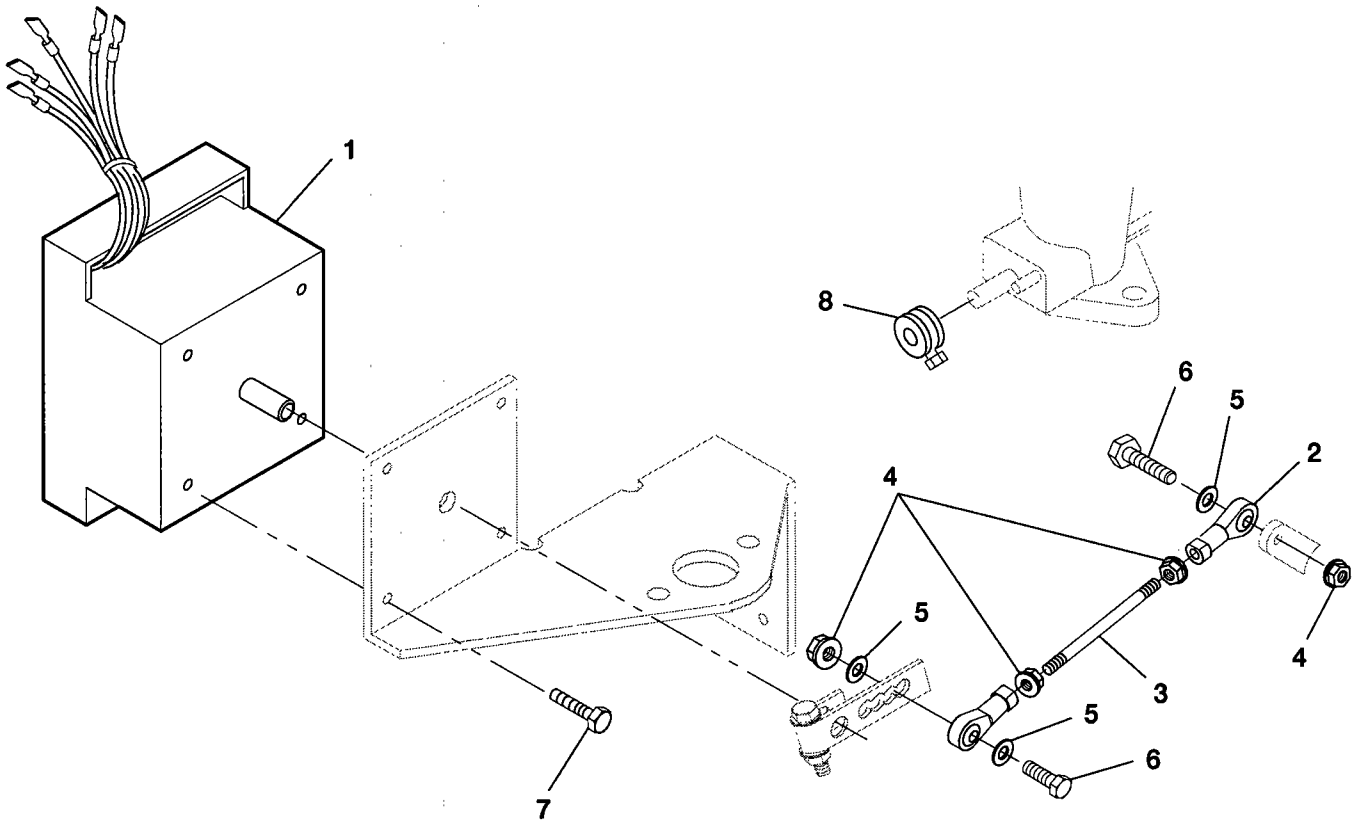
**Governor  
GEAA, GEAB Spec A**



539-1346

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2331	1	Actuator, Linear (ACT)	8	150-0939	1	Joint, Ball
2	813-0103	3	Screw, Machine - Round Head (#10-32 x 3/4")	9	151-0714	1	Rod, Governor
3	850-0030	3	Washer, Lock (#10)	10	151-0713-01	1	Control, Governor (A21)
4	870-0053	4	Nut, Hex (#10-32)	11	813-0100	4	Screw, Machine - Round Head (#10-32 x 1/2")
5	150-2314	1	Adapter, Governor Linkage	12	870-0131	4	Nut, Hex - W/ET (#10-32)
6	115-0025	2	Nut, Tappet	13	332-2605	1	Jumper
7	150-1733	1	Joint, Ball				

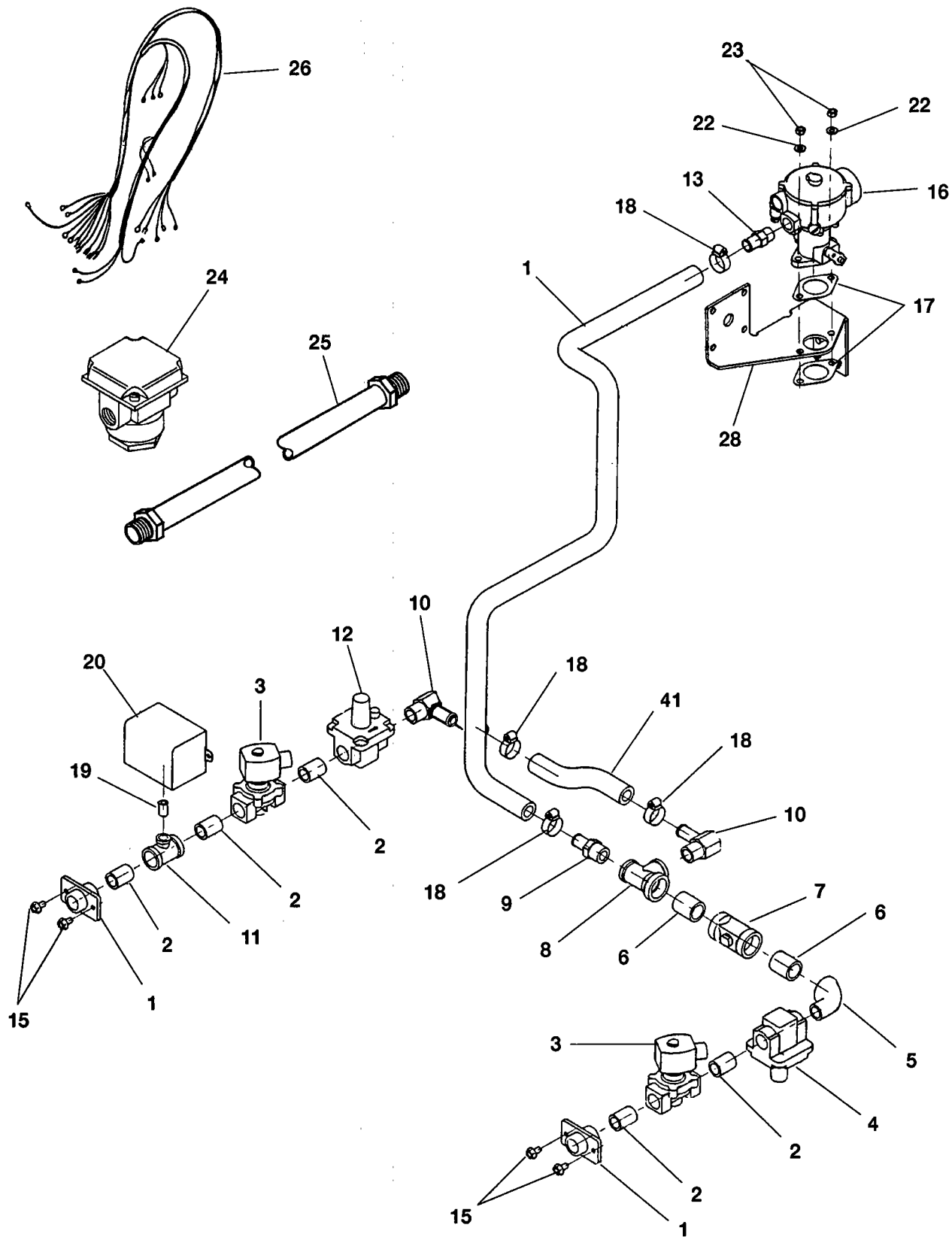
# **Governor GEAB Spec B**



539-1645

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2624	1	Governor (12 VDC) (A21)	6	815-0172	2	Screw, Machine – Hex Head (#10-32 x 1")
2	150-2251	2	End, Governor Rod	7	801-0003	4	Screw, Cap – Hex Head (1/4-28 x 1/2")
3	150-2623	1	Rod, Governor	8	152-0352	1	Kit, Spring – Throttle Return
4	870-0131	4	Nut, Hex – W/ET (#10-32)				
5	526-0008	3	Washer, Flat (#10)				

# Fuel System



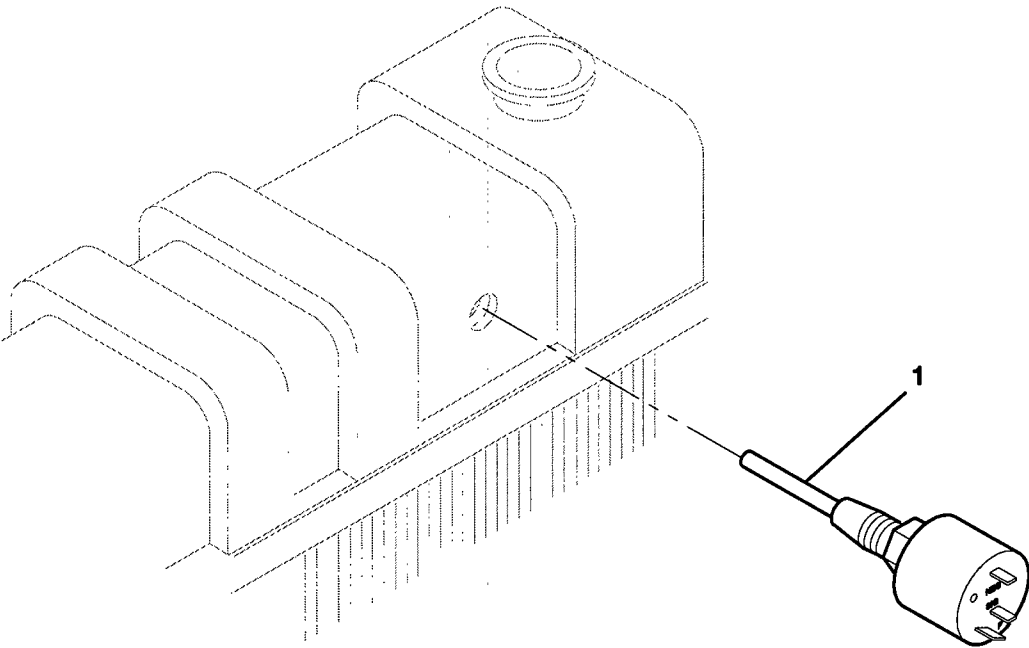
179-0701/0716

## Fuel System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3662-02	2	Connector, Bulkhead	17			Gasket, Mounting – Carburetor
2	505-0102	4	Nipple, Pipe – Close (3/4" x 1-3/8")		141-0971	1	Spec A
3	307-0834-01	2	Valve, Solenoid		141-0971	2	GEAB Spec B
4	148-0637	1	Regulator, Vapor – LPG	18			Clamp, Hose
5	505-1498	1	Elbow, Pipe – Reducer (1" to 3/4")		503-0189	4	Spec A
6	505-0004	2	Nipple, Pipe – Close (1")		503-0398	4	GEAB Spec B
7	148-0626	1	Valve, Load Adjusting	19	505-0099	1	Nipple, Pipe – Close (1/4")
8	505-1497	1	Tee, Pipe – Reducing (1" to 3/4")	20	148-0998	1	Switch, Pressure
9	502-1236	1	Connector, Hose (3/4")	21	503-1565	–	Hose – Bulk (Order by the Foot – 5 Feet Required)
10	502-1235	2	Connector, Hose (90 Deg x 3/4")	22	526-2100	2	Washer, Flat (M8)
11	505-1496	1	Tee, Pipe – Reducing (3/4" to 1/4")	23	860-2008	2	Nut, Hex (M8)
12	148-0597	1	Regulator – Natural Gas	24	148-0947	1	Regulator, Primary
13	502-1031	1	Connector, Hose (3/4" Hose to 1/2" Pipe)	25	501-0623	1	Hose, Propane (72")
14	503-1565	–	Hose – Bulk (Order by the Foot – 1 Foot Required)	26			Harness, Wiring – Fuel Solenoids
15			Screw, Self-Locking – Hex Washer Head		338-3176	1	Spec A (S10, MERC to N. G., PROP)
	821-2045	4	Spec A (M8 x 16mm)		338-3257	1	GEAB Spec B (ENG HRNS to N.G., PROP)
	821-6003-02	4	GEAB Spec B (M8 x 20mm)	27			Nipple, Pipe – Close
					505-0085	1	Spec A (3/4" x 2")
					505-0102	1	GEAB Spec B (3/4" x 1-3/8")
16	148-0999	1	Carburetor	28	145-0708-02	1	Bracket, Carburetor Mounting – GEAB Spec B



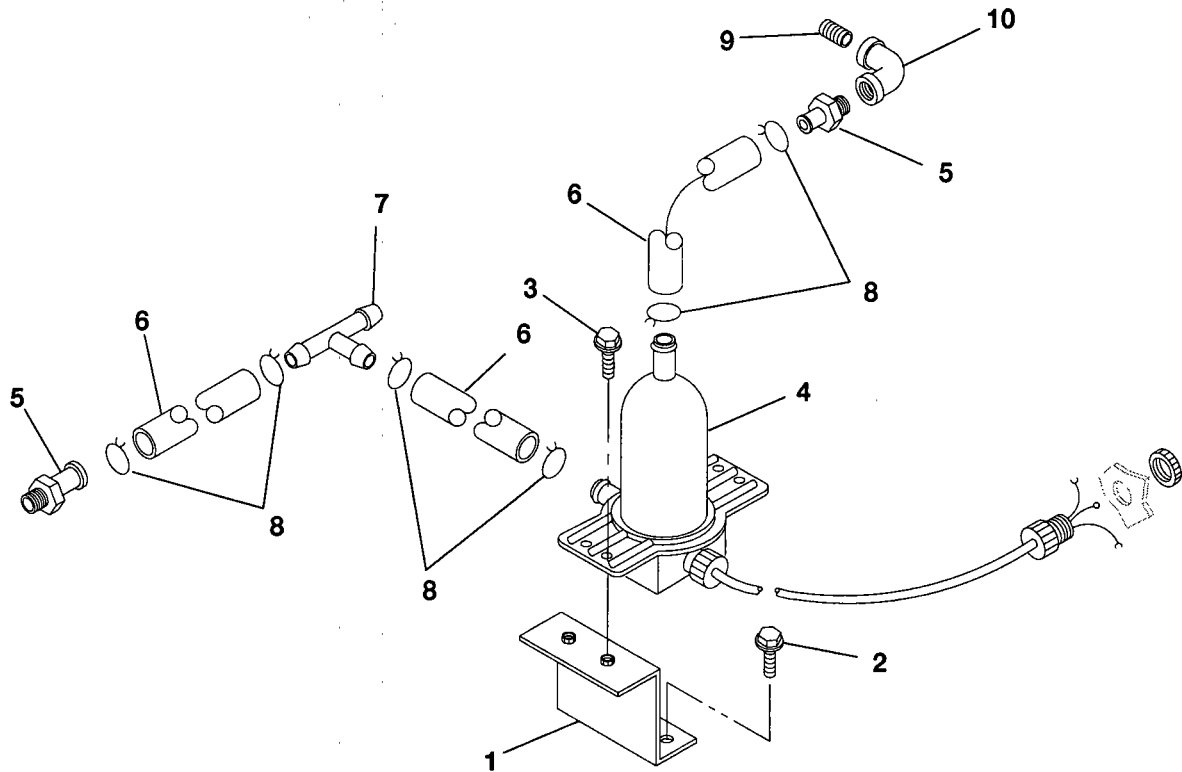
Low Coolant Level Sender



179-1387

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	193-0322	1	Sender, Low Coolant Level				

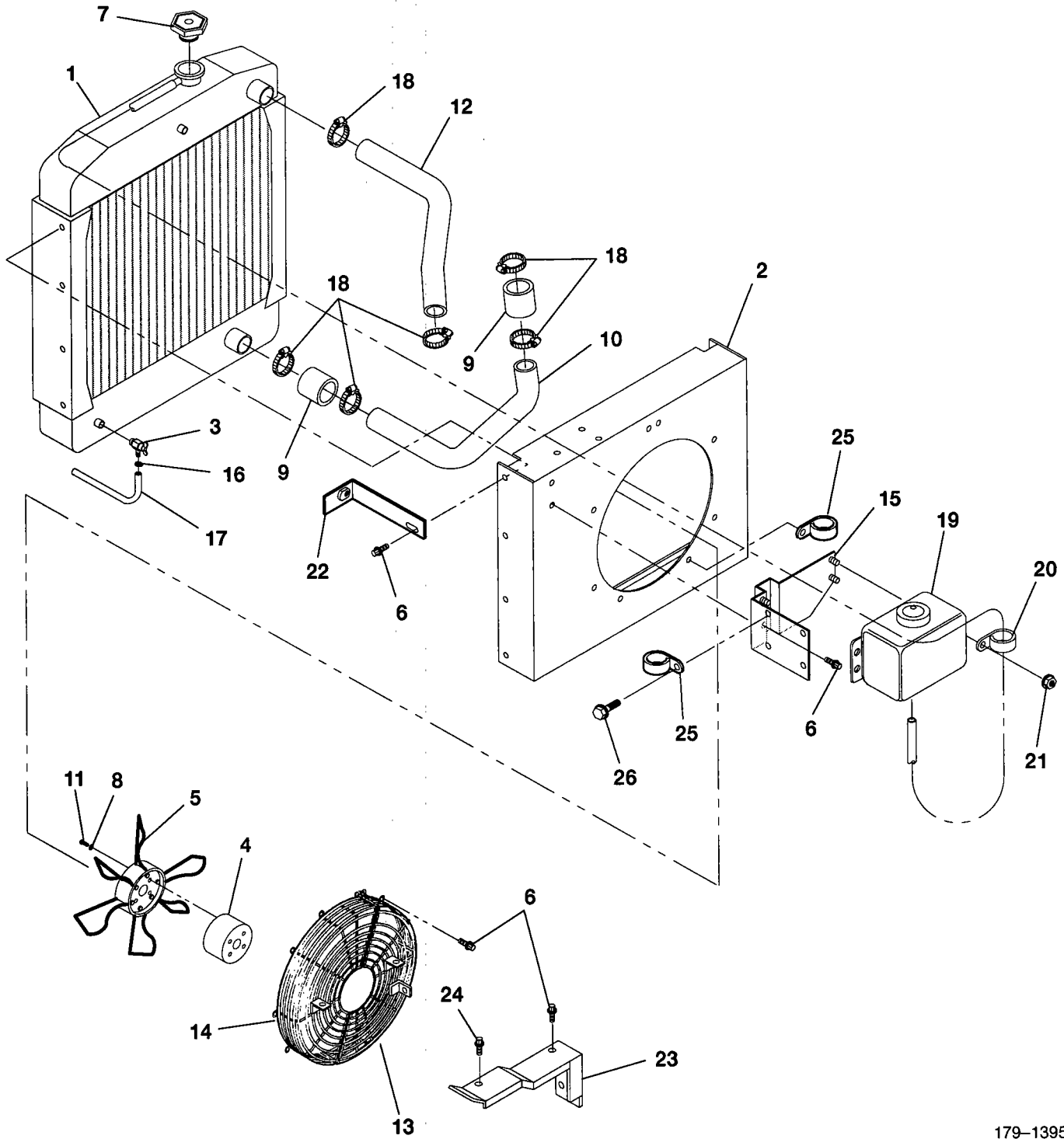
## Coolant Heater



179-2296-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4325-02	1	Bracket, Water Heater	5	502-0943	2	Connector, Hose (3/8" Pipe to 5/8" Hose)
2	821-2058-01	2	Screw, Self-Locking – Hex Washer Head (M8 x 16mm)	6	503-0386	–	Hose, Coolant (5/8" ID) – Bulk (Order by the Foot – 6 Feet Total Required for All Coolant Heater Hoses)
3	821-2034	2	Screw, Self-Locking – Hex Washer Head (M6 x 20mm)	7	502-0870	1	Tee, Hose
4	333-0541-01	1	Heater, Coolant (120V, 1000 Watt) (Includes Thermostat and Element)	8	503-0398	7	Clamp, Hose
	333-0545	1	Thermostat – Not Illustrated	9	505-0101	1	Nipple, Close (3/8")
	333-0546	1	Element – Not Illustrated	10	505-0039	1	Elbow, 90 Deg (3/8")

# **Radiator Spec A**

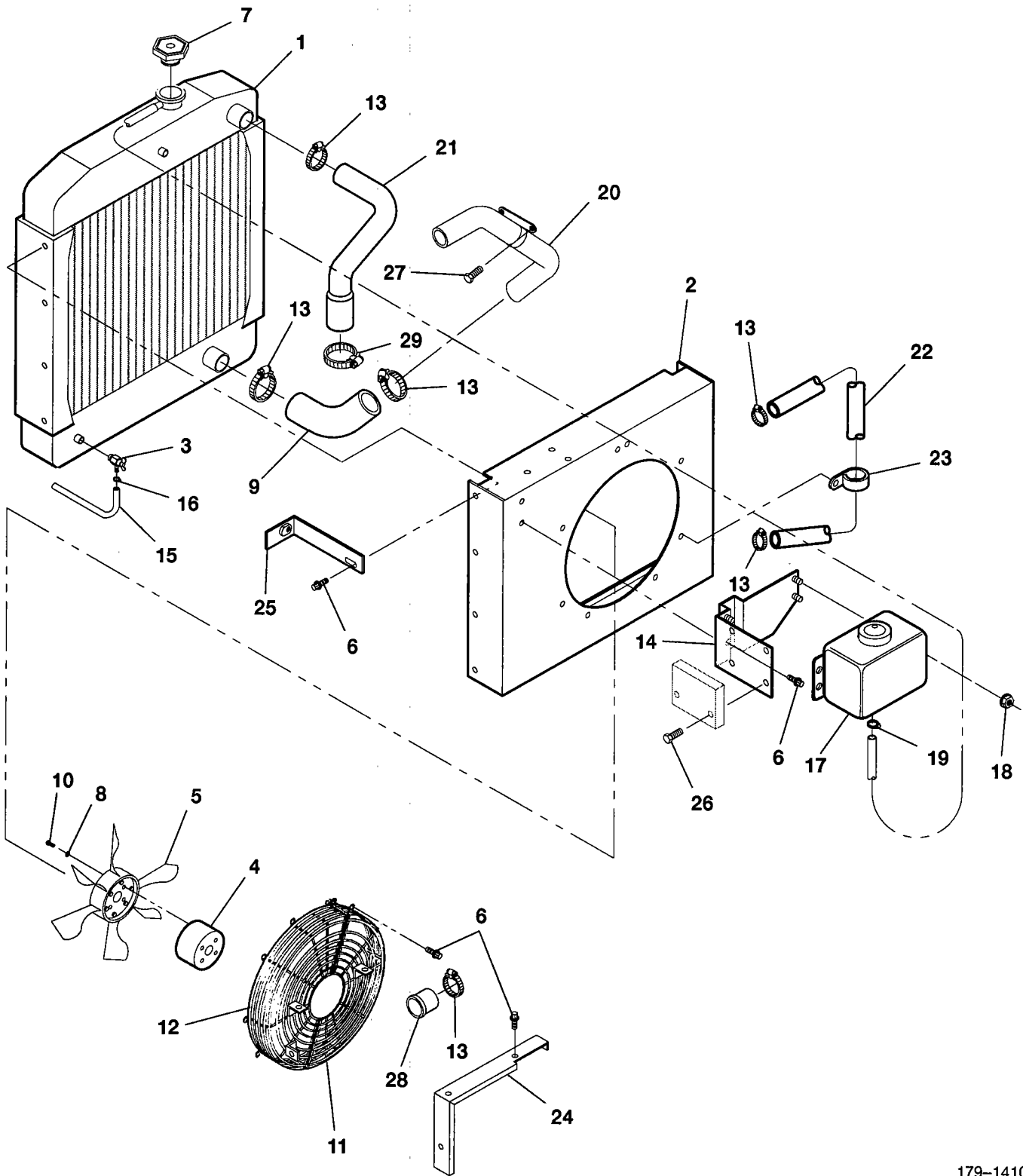


179-1395

## Radiator Spec A

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4310-01	1	Radiator	15	130-4326-02	1	Bracket, Mounting – Coolant Recovery Tank
2	130-4313-02	1	Shroud, Radiator	16	503-1937	1	Hose, Drain (1/4" ID x 9")
3	504-0187	1	Cock, Drain	17	503-0685	1	Clamp, Hose
4	130-4339	1	Spacer, Fan	18	503-1140	6	Clamp, Hose
5	130-4340	1	Fan	19	130-3983	1	Tank, Coolant Recovery
6	815-0858-01	22	Screw, Fillister Head (M8 x 16mm)	20	332-1554	1	Clamp, Retaining – Insulated
7	130-3929	1	Cap, Radiator	21	870-2055	4	Nut, Locking – Hex Head Flange (M8)
8	526-2100	4	Washer, Flat (M8)	22	130-4390-02	1	Bracket, Radiator
9	503-1931	2	Hose, Radiator	23	191-2142-02	1	Guard, Belt
10	130-4335-02	1	Tube, Radiator – Outlet	24	821-2049	1	Screw, Self-Locking – Hex Washer Head (M8 x 35mm)
11	800-2067	4	Screw, Cap – Hex Head (M8 x 70mm)	25	332-2634	1	Clamp, "J"
12	503-1930	1	Hose, Radiator – Inlet	26	821-2021	4	Screw, Self-Locking – Hex Washer Head (M5 x 12mm)
13	130-4232-03	1	Guard, Fan – Left Side				
14	130-4232-04	1	Guard, Fan – Right Side				

# **Radiator GEAB Spec B**

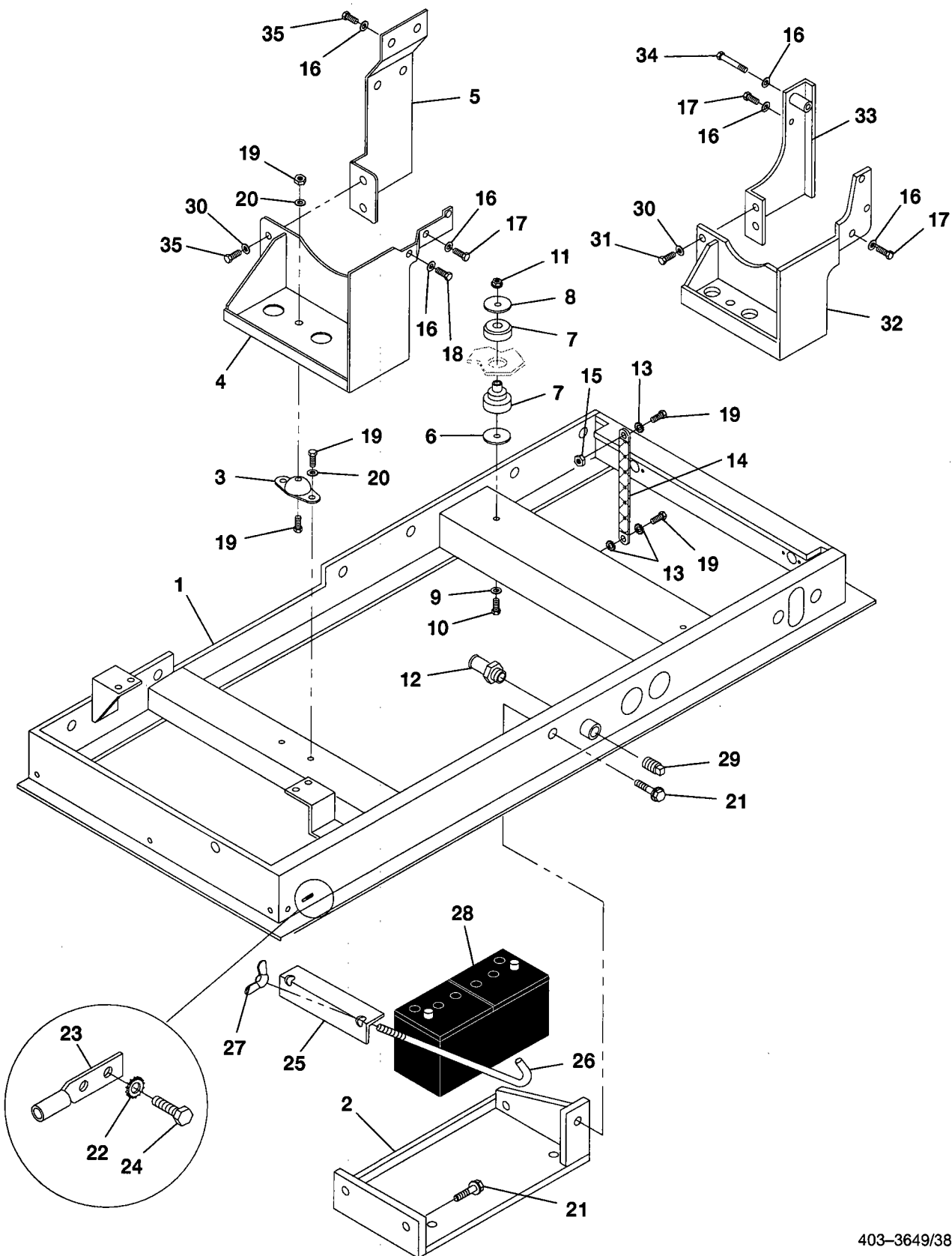


179-1410

# **Radiator GEAB Spec B**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	130-4310-01	1	Radiator	16	503-0685	1	Clamp, Hose
2	130-4313-02	1	Shroud, Radiator	17	130-3983	1	Tank, Coolant Recovery
3	504-0187	1	Cock, Drain	18	870-2055	4	Nut, Locking – Hex Head Flange (M8)
4	130-4426	1	Spacer, Fan	19	503-1445-06	1	Clamp, Hose
5	130-4340	1	Fan	20	130-4418-02	1	Tube, Radiator – Outlet
6	821-6003-02	23	Screw, Self-Locking – Hex Washer Head (M8 x 20mm)	21	503-1968	1	Hose, Radiator – Inlet
7	130-3929	1	Cap, Radiator	22	503-0386	1	Hose, Radiator – Bypass
8	526-2100	4	Washer, Flat (M8)	23	332-2634	1	Clamp, "J"
9	503-2024	1	Hose, Radiator	24	191-2172-02	1	Guard, Belt
10	800-2067	4	Screw, Cap – Hex Head (M8 x 70mm)	25	130-4390-02	1	Bracket, Radiator
11	130-4428-03	1	Guard, Fan – Left Side	26	800-2013	2	Screw, Cap – Hex Head (M5 x 35mm)
12	130-4428-04	1	Guard, Fan – Right Side	27	800-2034	2	Screw, Cap – Hex Head (M6 x 20mm)
13	503-0398	6	Clamp, Hose	28	132-0331	1	Plug, Pipe – Rubber
14	130-4326-02	1	Bracket, Mounting – Coolant Recovery Tank	29	503-0429	1	Clamp, Hose
15	503-1937	1	Hose, Drain (5/16" ID x 9")				

# Skid



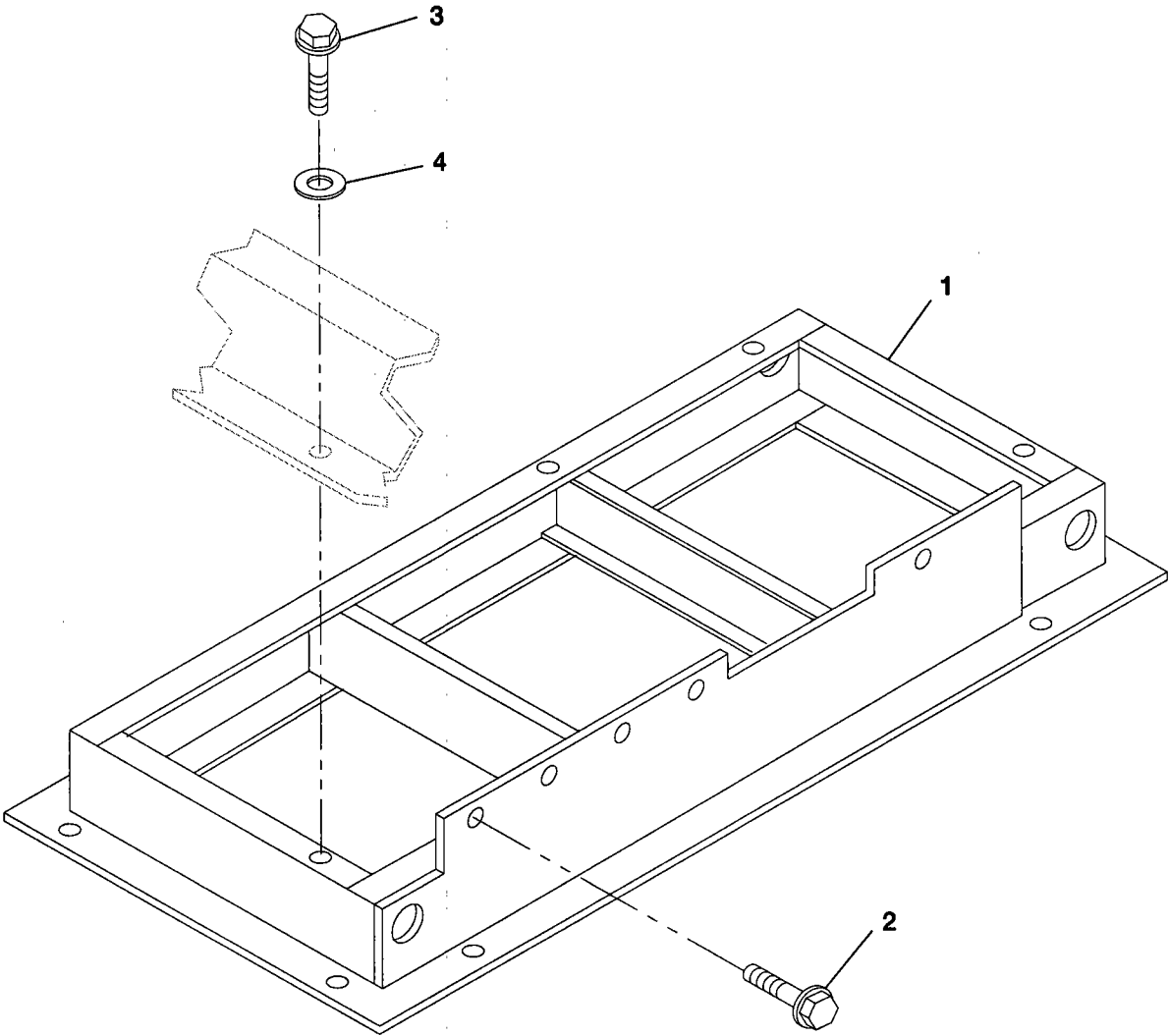
403-3649/3826

# Skid

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3652-02	1	Skid	20			Washer, Flat (M12)
2	403-3661-02	1	Tray, Battery		526-2148	3	Spec A
3	402-0466	1	Isolator, Vibration		526-2140	3	GEAB Spec B
4	403-3668-02	1	Bracket, Mounting – Engine – Spec A	21			Screw, Locking
5	403-3664-02	1	Support, Engine – Spec A		815-0858-01	3	Hex Flange Head (M8 x 16mm) – Spec A
6	526-0407-02	2	Washer, Flat (17mm ID x 71.4mm OD x 3.4mm Thk)		821-6003-02	3	Hex Washer Head (M8 x 20mm) – GEAB Spec B
7	402-0663	2	Isolator, Vibration	22	853-2006	2	Washer, Lock – W/ET (M6)
8	403-3042-02	2	Washer, Retainer (2-3/4" OD)	23	332-3355	1	Terminal, Ring
9	526-0038	2	Washer, Flat (5/8")	24	800-2029	2	Screw, Cap – Hex Head (M6 x 12mm)
10	800-2183	2	Screw, Cap – Hex Head (M16 x 90mm)	25	416-0812	1	Hold-Down, Battery
11	870-0530	2	Nut, Locking (M16)	26	416-0993-02	2	Rod, Hold-Down – Battery
12	502-0415	1	Coupling, Hose (1/2" Pipe to 5/8" Hose)	27	865-0030	2	Nut, Wing
13	853-2012	3	Washer, Lock – W/ET (M12)	28	416-0796-01	1	Battery (Wet)
14	337-0090	1	Strap, Ground	29	505-0056	1	Plug, Pipe – Square Head (1/2")
15	870-2063	2	Nut, Locking – Nylon (M12)	30			Washer, Flat
16			Washer, Flat (.406" ID x .781" OD x .1345" Thk)		526-0174	2	.406" ID x .781" OD x .1345" Thk – Spec A
	526-0174	7	Spec A		526-2140	2	M12 – GEAB Spec B
	526-0174	5	GEAB Spec B	31	800-2112	2	Screw, Cap – Hex Head (M12 x 30mm) GEAB Spec B
17			Screw, Cap – Hex Head (M10 x 25mm)	32	403-3794-02	1	Bracket, Mounting – Engine – GEAB Spec B
	800-2086	2	Spec A	33	403-3789-02	1	Support, Engine – GEAB Spec B
	800-2086	4	GEAB Spec B	34	800-2095	1	Screw, Cap – Hex Head (M10 x 70mm) GEAB Spec B
18	800-2092	1	Screw, Cap – Hex Head (M10 x 55mm) Spec A	35	800-2086	6	Screw, Cap – Hex Head (M10 x 25mm) Spec A
19	800-2112	5	Screw, Cap – Hex Head (M12 x 30mm)				



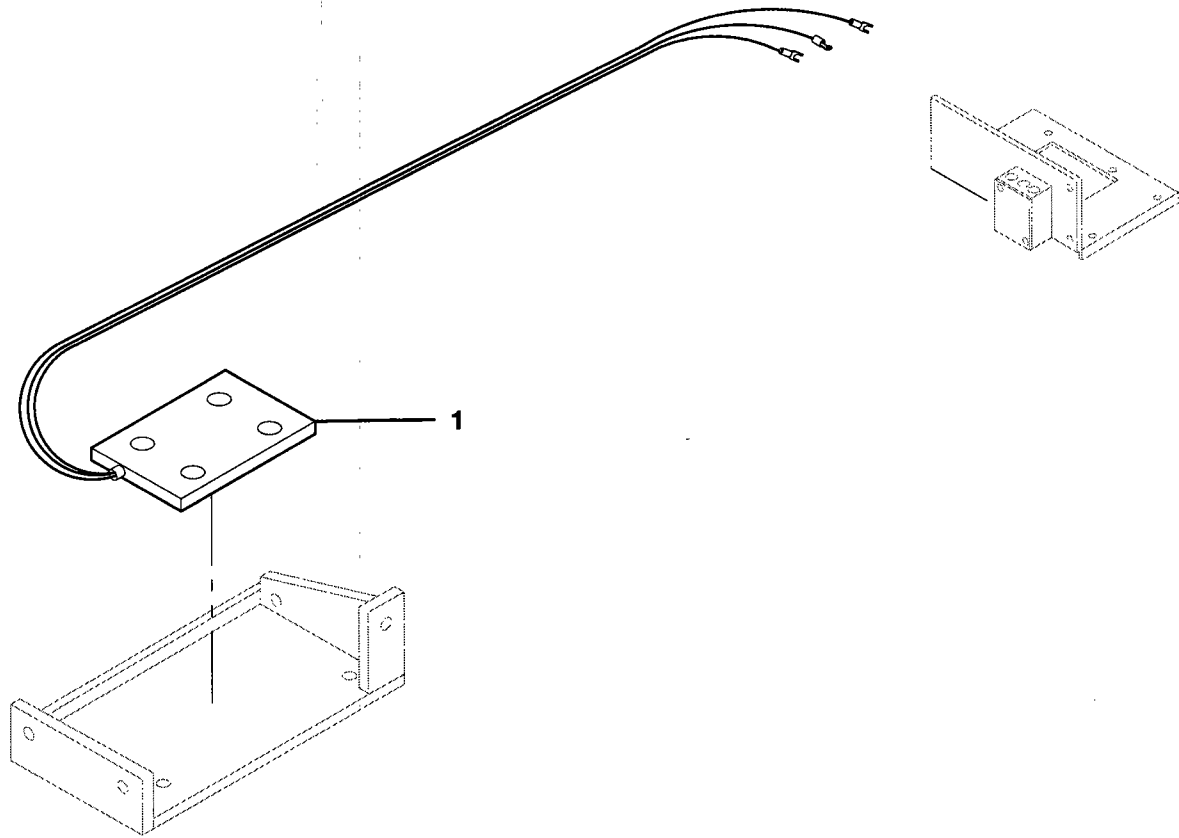
**Subbase Skid  
Spec A**



403-3735

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-3734-02	1	Skid, Subbase	3	821-2060	4	Screw, Self-Locking – Hex Washer Head (M10 x 20mm)
2	815-0858-01	5	Screw, Self-Locking – Hex Flange Head (M8 x 16mm)	4	526-2120	4	Washer, Flat (M10)

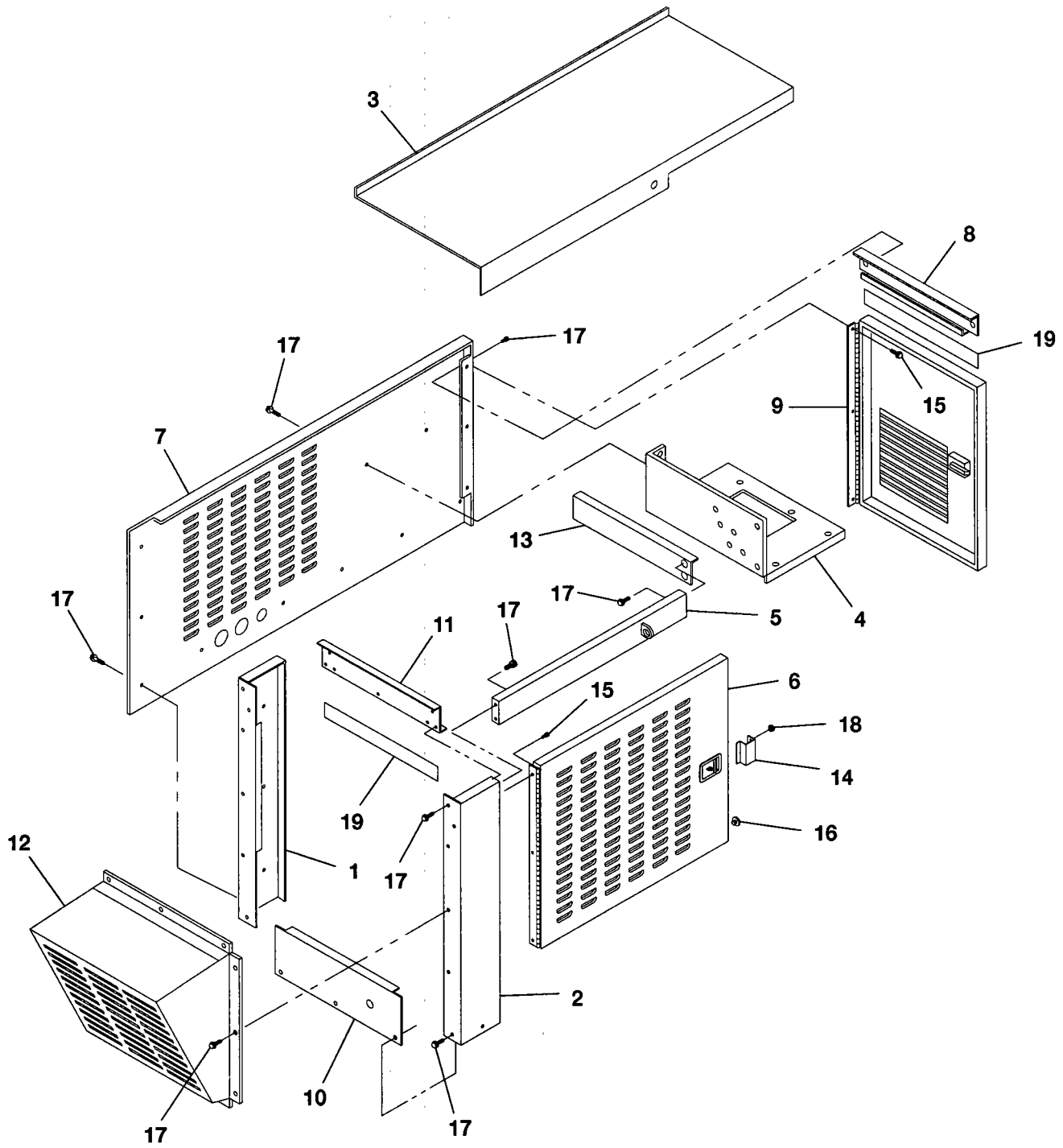
# Battery Heater



300-4498

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	333-0563	1	Heater, Battery (120 Volt, 200 Watts)				

# Housing

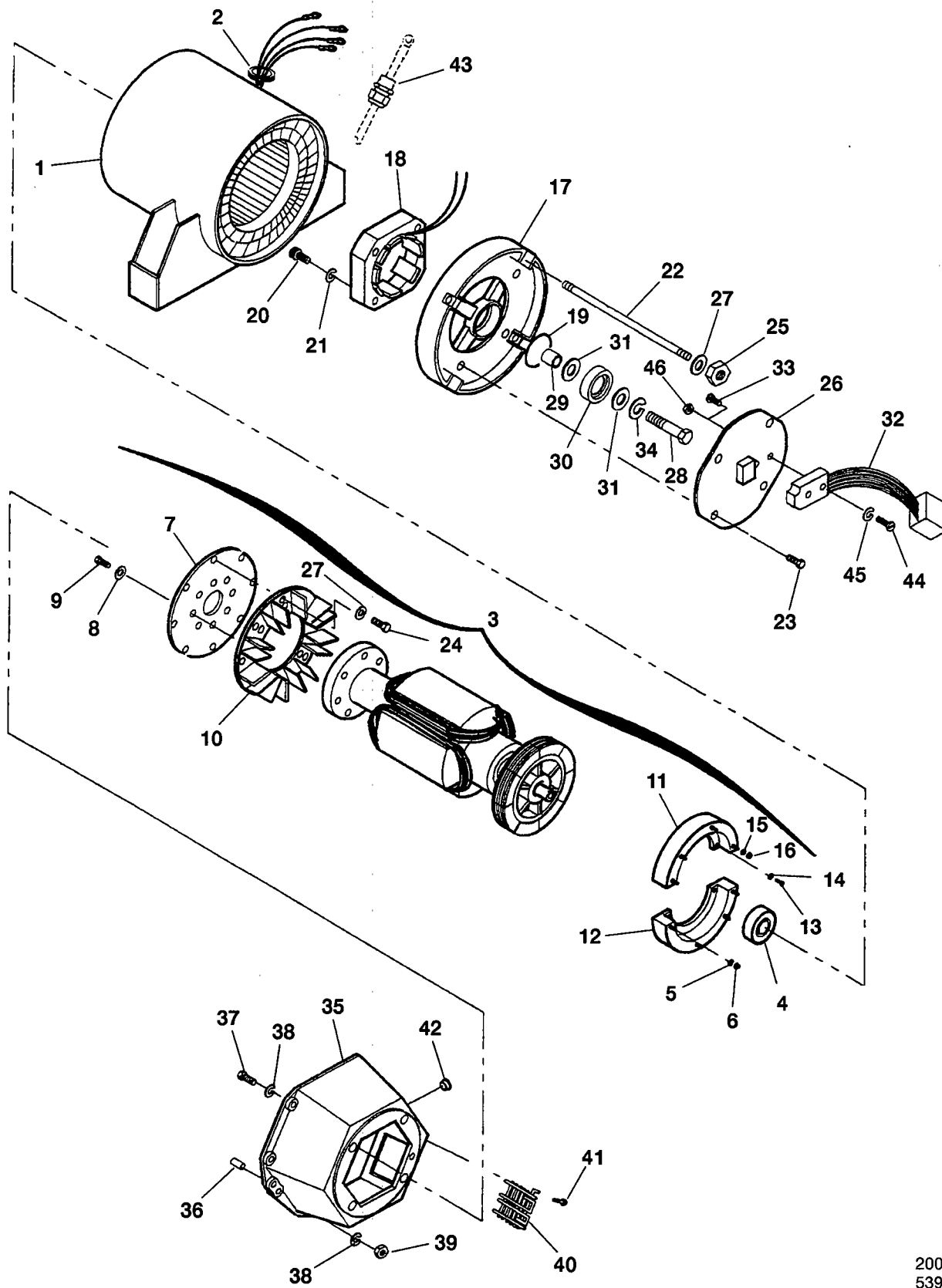


405-5110

## Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-5124-02	1	Post - Left Side	12	405-5188-02	1	Duct, Air
2	405-5125-02	1	Post - Right Side	13	405-5127-02	1	Crossmember - Center
3	405-5121-02	1	Top, Housing	14	405-5140-02	2	Catch, Door
4	319-2390-02	1	Bracket, Mounting - Control	15	820-2000-02	6	Screw, Socket - Binding Head (M8 x 12mm)
5	405-5122-02	1	Panel - Right Side	16	405-4932	4	Bumper, Housing
6	405-5119-02	1	Door - Side	17	821-6003-02	40	Screw, Locking - Hex Washer Head (M8 x 20mm)
7	405-5123-02	1	Panel - Left Side	18	870-0506	4	Nut, Locking - Nylon (M6)
8	405-5128-02	1	Crossmember, Rear - Upper	19	895-0360	-	Tape - Bulk (1/2") (Order by the Foot - 5 Feet Required)
9	405-5120-02	1	Door - Rear				
10	405-5129-02	1	Crossmember, Front - Lower				
11	405-5126-02	1	Crossmember, Front - Upper				

# Generator



200-3021  
539-1514

## Generator

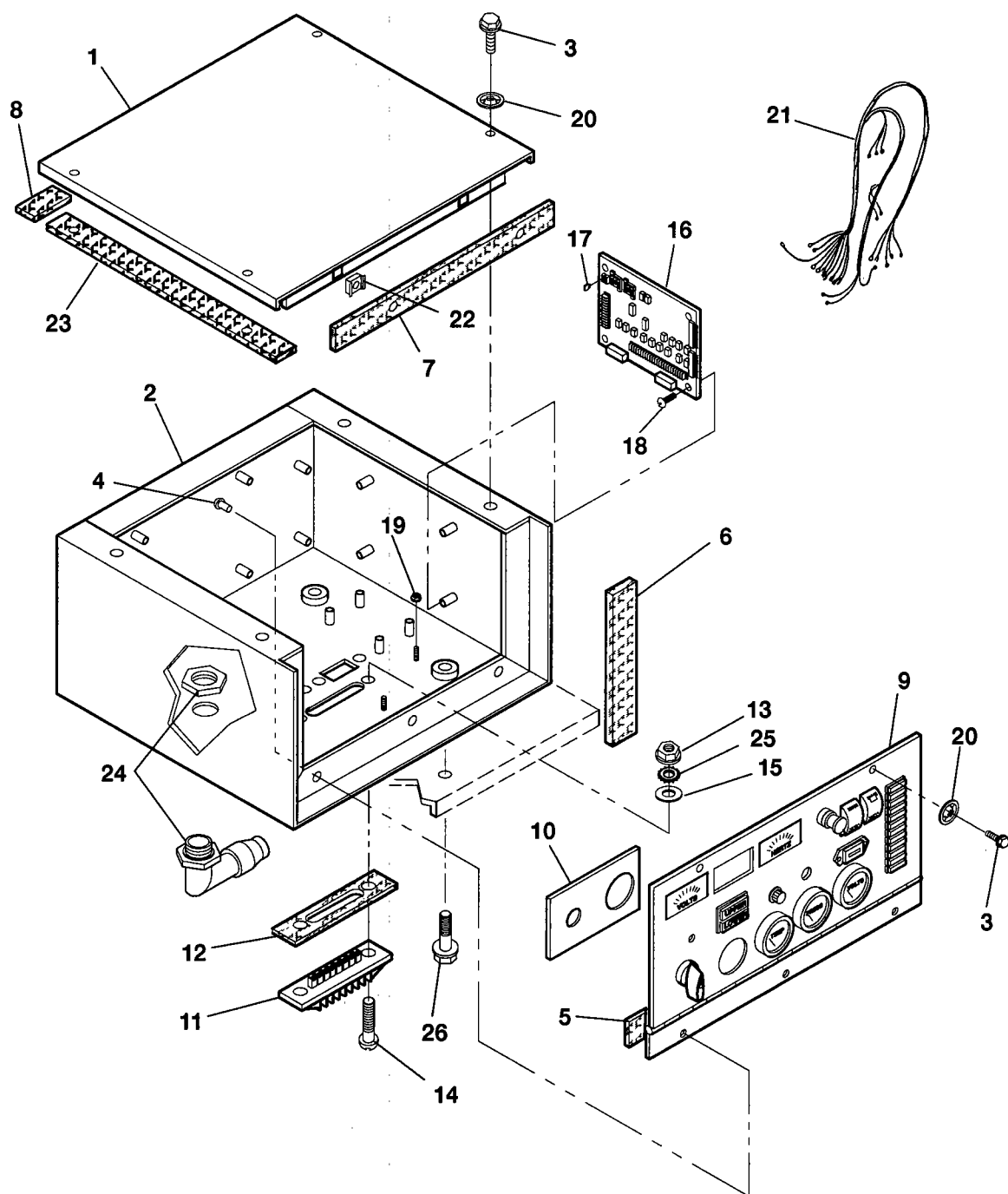
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stator, Generator (Includes Grommet)	24	800-0310-36	8	Screw, Cap – Hex Head (3/8-16 x 1")
	220-4436-08	1	GEAA Stack Length 87mm	25	862-0026-07	8	Nut, Hex (3/8-16)
	220-4436-12	1	Stack Length 178mm	26	234-0957-02	1	Cover, Inlet
	220-4436-12	1	GEAB – Stack Length 178mm	27	526-0399-42	12	Washer, Flat (3/8")
2	508-1073	1	Grommet	28	800-0515	1	Screw, Cap – Hex Head (3/8-16 x 1-3/4")
3			Rotor Assembly, Generator (Includes Parts Marked *)	29	191-2131	1	Spacer
	201-3512-01	1	GEAA Stack Length 90.3mm	30	166-0767	1	Rotor
	201-3512-05	1	Stack Length 180.8mm	31	526-0124	2	Washer, Flat (3/8")
	201-3512-05	1	GEAB – Stack Length 180.8mm	32	300-4324	1	Board, Printed Circuit – Overspeed
4	510-0173	1	* Bearing, Ball	33	815-0849	2	# Screw, Machine – Pan Head – Cross Recessed W/IT (#6-32 x 3/4")
5	526-0399-11	2	* Washer, Flat (#10)	34	850-0050	1	Washer, Lock – Spring (3/8")
6	870-0131-01	2	* Nut, Hex – W/ET (#10)	35	231-0358	1	Adapter, Generator (Includes Dowel Pins)
7	232-3816-03	1	* Disc, Drive	36	775-0089	2	Pin, Dowel (M10 x 20mm)
8	526-0399-73	8	* Washer, Flat (M12 Hardened)	37	800-2087	5	Screw, Cap – Hex Head (M10 x 30mm)
9	800-3017-52	8	* Screw, Cap – Hex Head (M12 x 20mm)	38	850-2010	7	Washer, Lock – Spring (M10)
10	205-0228-02	1	* Fan, Generator	39	860-2009	2	Nut, Hex (M10)
11	358-0069	1	* Rectifier – Positive	40	130-4351-01	1	Guard, Fan
12	358-0070	1	* Rectifier – Negative	41	821-2021	2	Screw, Self-Locking – Hex Washer Head (M5 x 12mm)
13	822-2160-37	4	* Screw, Machine – Pan Head (#10-32 x 1/2")	42	517-0135	1	Plug, Hole
14	853-0040-04	4	* Washer, Lock – W/ET (#10)	43	331-0542-02	4	Hub – Generator Leads – Sets With Mounted Transfer Switch
15	526-0399-11	6	* Washer, Flat (#10)	44	815-0865-13	2	+ Screw, Machine – Pan Head – Slotted (M4 x 45mm)
16	870-0131	6	* Nut, Hex – W/ET (#10)	45	850-2004	2	+ Washer, Lock – Spring (M4)
17	211-0464	1	Bell, End	46	860-2005	2	+ Nut, Hex (M4)
18	220-4413-01	1	Stator, Exciter				
19	509-0143	1	Seal, O-Ring				
20	802-0040-01	2	Screw, Cap – Socket Head (1/4-20 x 2")				
21	850-0114-53	2	Washer, Lock – Spring (M6)				
22			Stud, Generator Through				
	520-1002-02	4	GEAA 336.2mm				
	520-1002-10	4	426.8mm				
	520-1002-10	4	GEAB – 426.8mm				
23	821-0001-01	4	Screw, Locking – Hex Flange Head (#10-24 x 3/8")				

\* Parts Included in Generator Rotor Assemblies

# Used to Mount Overspeed Boards With Threaded Standoffs

+ Used to Mount Overspeed Boards Without Threaded Standoffs

# Control



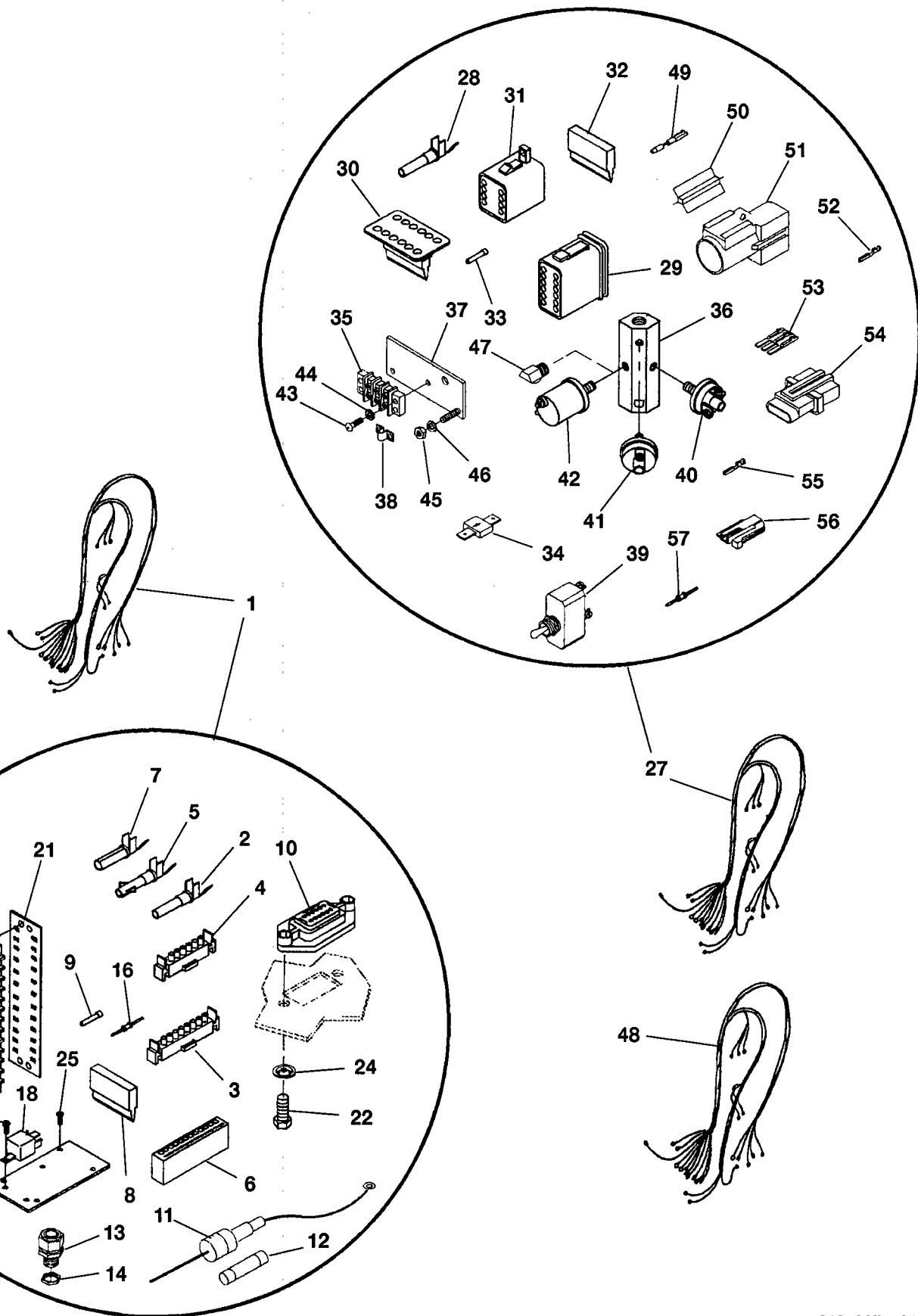
300-4496  
300-4496-01  
612-6670-02

## Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2100-01	1	Cover, Control Box	17			Fuse
2	319-2409-02	1	Box, Control		321-0307-03	2	5 Amp (Tan) (F4,F5)
3	800-2034-01	6	Screw, Cap - Hex Head (M6 x 20mm)		321-0307-06	1	15 Amp (Light Blue) (F3)
					321-0307-07	2	20 Amp (Yellow) (F1,F2)
4	818-0153	3	Rivet	18	815-0550	4	Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 3/8")
5	895-0337	1	Gasket, Foam - Hinge				
6	895-0336	2	Gasket, Foam - Sides	19	870-0183	3	Nut, Hex - W/EIT (#6-32)
7	895-0338	1	Gasket, Foam - Top	20	526-0422	6	Washer, Retainer - Nylon
8	895-0339	1	Gasket, Foam - Cover - Rear	21		3	Harness, Wiring - Ignition, Control Panel, Engine to Control (See Separate Page for Components)
9	—	1	Panel Assembly, Control (See Separate Page for Components)				
10	308-1035-02	1	Plate	22	870-2195	2	Nut, Captive - Floating (M6)
11	332-3239	1	Block, Terminal - 8 Place (TB1)	23	895-0353	2	Gasket, Foam - Cover - Sides
12	332-3244	1	Gasket, Terminal Block	24	331-0548	1	Connector, Elbow - 90 Deg - Liquid Tight (1")
13	870-0131	2	Nut, Hex - W/ET (#10-32)	25	853-0008	2	Washer, Lock - ET (#10)
14	813-0108	2	Screw, Machine - Round Head Slotted (#10-32 x 1-1/2")	26	815-0858-01	4	Screw, Self-Locking - Hex Flange Head (M8 x 16mm)
15	526-0008	2	Washer, Flat (#10)				
16	300-4296	1	Board, Engine Monitor - 12 Light Control (Includes Fuses) (A11)				



# Wiring Harness

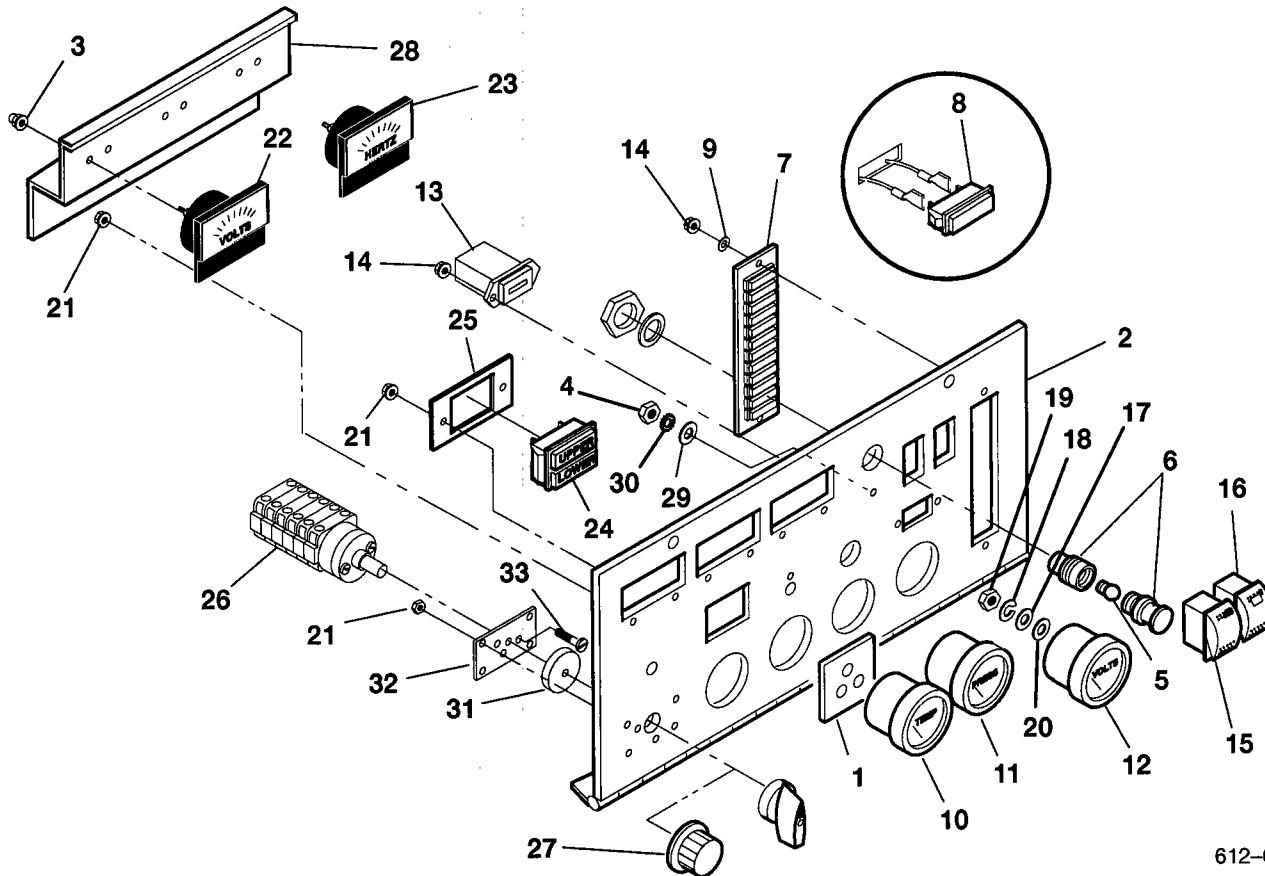


612-6671-01

## Wiring Harness

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3161-02	1	Harness, Wiring – Control Panel to Ground, Circuit Breaker, TB3, CT21, CT22, Generator, TB21, VR21, F1, F2, TB1, P1, A28, K11, K12, K13 and A11 (Includes Parts Marked *)	34	357-0030	1	+ Diode (6 Amp)
2	323-1491	11	* Pin, Contact (Used in P1)	35	332-0611	1	Block, Terminal – Engine Ground – 3 Place (T26)
3	323-1306	1	* Housing, Connector – 8 Place (J1)	36	120-1312-02	1	Manifold, Oil Pressure
4	323-1304	2	* Housing, Connector – 6 Place (J1,J2)	37	319-2400-02	1	Bracket, Mounting – Engine Ground – Spec A
5	323-1200	15	* Socket, Contact (Used in J1,J2)	38	332-1043	2	Jumper (Used on T26)
6	323-1308	1	* Housing, Connector – 12 Place (J4)	39	308-0005	1	Switch, Toggle – Fuel Solenoids (S10)
7	323-1302	11	* Pin, Contact (Used in J4)	40	309-0641-03	1	Switch, Oil Pressure – 14 PSI (S1) (Top Mounted for Spec A, Mounted as Shown for GEAB Spec B)
8	323-1581	1	* Wedge, Receptacle (Used in P1)	41	309-0641-07	1	Switch, Oil Pressure – 20 PSI (S5 Pre-Alarm) (Mounted As Shown for Spec A, Top Mounted for GEAB Spec B) (E1)
9	323-1591	1	* Plug, Connector (Used in P1)	42	193-0244	1	Sender, Oil Pressure (E1)
10	323-1633-01	1	* Connector, Receptacle – 12 Place – Grey (P1)	43	815-0828-04	2	Screw, Machine – Round Head (M4 x 16mm) Spec A
11	321-0330	1	* Holder Assembly, Fuse (Includes Fuse)	44	853-0005	2	Washer, Lock – W/ET (#8) Spec A
12	321-0113	1	* Fuse – 30 Amp (F1)	45	860-2058	1	Nut, Hex (M8) Spec A
13	331-0542-01	2	* Hub, Connector (3/8")	46	854-0017	1	Washer, Lock – IT (5/16") Spec A
14	331-0543-01	2	* Nut, Locking – Connector Hub (3/8")	47	502-0053	1	Elbow, Street – 45 Deg – GEAB Spec B
15	332-1043	2	Jumper (Used on TB21)	48	166-0844	1	Harness, Wiring – Ignition – GEAB Spec B
16	350-1222	1	Resistor (1.5k Ohms) (Used on TB21)	49	166-0850	2	# Socket, Contact (Used in P3) GEAB Spec B
17	319-2140	1	Plate, Relay Mounting	50	166-0849	1	# Wedge, Connector (Used in P3) GEAB Spec B
18	307-2817-01	3	Relay (K11,K12,K13)	51	166-0848	1	# Connector – 2 Place (P3) GEAB Spec B
19	821-0040	3	Screw, Locking – Slotted – Hex Flange Head (#10-32 x 5/16")	52			Socket, Contact (Used in P4) GEAB Spec B
20	332-0607	1	Block, Terminal – 12 Place (TB21)		191-2181	1	# 18 AWG
21	332-2723	1	Strip, Marker		191-2180	1	# 16 AWG
22	800-2033-01	2	Screw, Cap – Hex Head (M6 x 16mm)	53	191-2179	1	# Wedge, Connector (Used in P4) GEAB Spec B
23	812-0028	2	Screw, Machine – Round Head (#4-40 x 5/16")	54	191-2178	1	# Connector – 3 Place (P4) GEAB Spec B
24	526-0422	4	Washer, Retainer – Nylon	55	191-2177	1	# Socket, Contact (Used in P5) GEAB Spec B
25	815-0550	4	Screw, Fillister Head – Cross Recessed W/IT (#6-32 x 3/8")	56	191-2176	1	# Connector – 1 Place (P5) GEAB Spec B
26	853-0003	2	Washer, Lock – W/ET (#4)	57	350-0980	1	# Resistor (510 Ohms) (Located in Harness Sleeving at P4 and P5 end) GEAB Spec B
27			Harness, Wiring – Engine to Control				
	338-3129-02	1	Spec A (Includes Parts Marked +)				
	338-3256-02	1	GEAB Spec B (Includes Parts Marked #)				
28	323-1492	15	++ Socket, Contact (Used in J1,P2, J6,J7)	* Parts Included in 338-3161-02 Control Panel Wiring Harness			
29	323-1582	1	++ Plug, Connector – 12 Place (J1)	+ Parts Included in 338-3129-02 and 338-3253-02 Engine Wiring Harnesses			
30	323-1583	1	++ Wedge, Plug (Used in J1)				
31	323-1541	1	++ Plug, Connector – 8 Place (P2)				
32	323-1543	1	++ Wedge, Plug (Used in P2)				
33	323-1591	6	++ Plug, Connector (Used in J1 and P2)				
				# Parts Included in 338-3256-02 Engine Wiring Harness			

## Control Panel Assembly

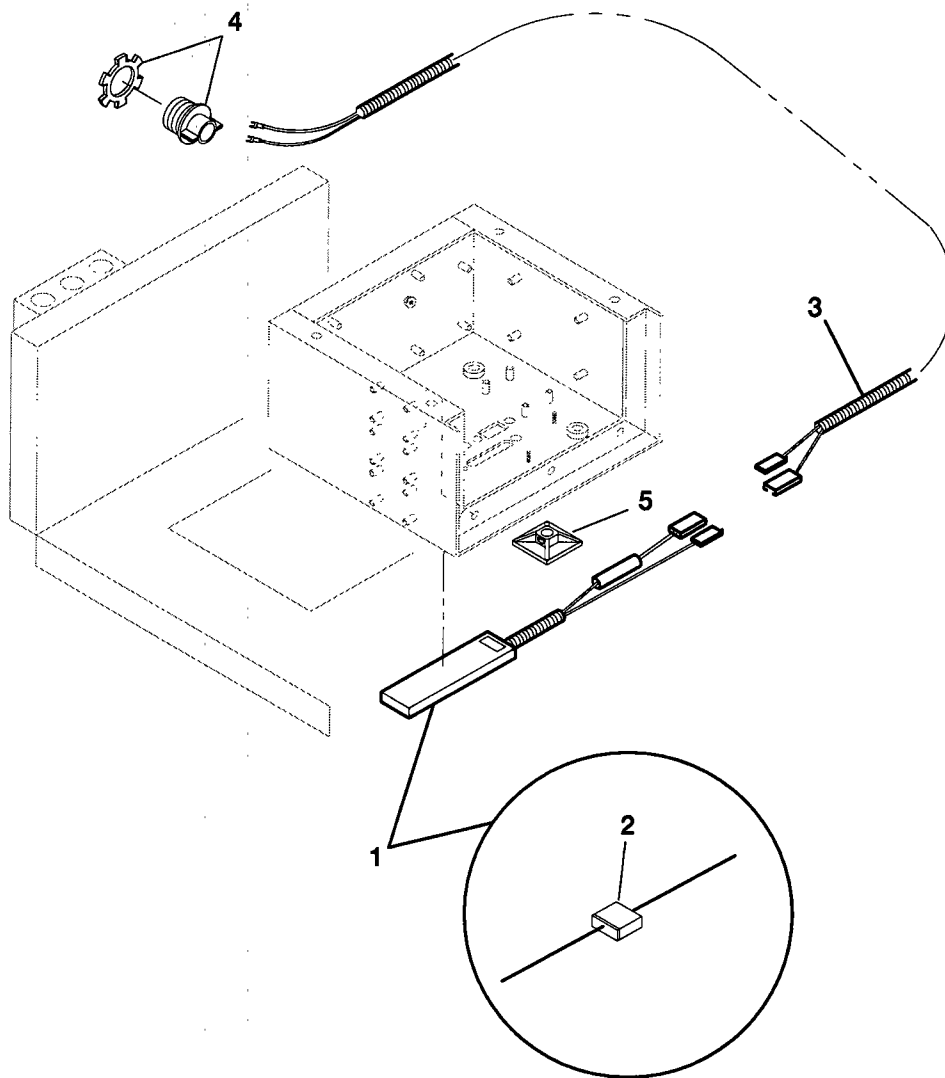


612-6670

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4323	1	Board, Printed Circuit – Water Temperature Gauge	19			Nut, Hex (#10-32)
2	319-2491-03	1	Panel, Control		871-0010	10	All Gauges (Brass)
3	870-0439	6	Nut, Acorn (1/4-28)		870-0131	3	Water Temperature Gauge (W/ET)
4	870-0183	1	Nut, Hex – W/ET (#6-32)	20	526-0409	5	Washer, Nylon
5	322-0004	1	Bulb, Panel Light – Replacement	21	870-1220	12	Nut, Hex – W/ET (#4-40)
6	322-0361	1	Light, Panel (DS11)	22	302-1148	1	Voltmeter (M21)
7	322-0458	1	Light Assembly, Indicator – 12 Light Assembly (Includes Wiring Harness and Connector Housing) (A12)	23	302-1968	1	Meter, Frequency (M23)
8	322-0369-01	1	Light, Indicator – Replacement	24	322-0363	1	Light, Indicator – Upper/Lower Scale (DS21, DS22)
9	526-0196	2	Washer, Flat (7/32" ID x 7/16" OD x 1/8" Thk)	25	319-2141	1	Bracket, Mounting – Indicator Light
10	193-0351	1	Gauge, Water Temperature (M12)	26	308-1052	1	* Switch, Rotary – Voltmeter/ Ammeter (Includes Knob) (S21)
11	193-0466	1	Gauge, Oil Pressure (M11)	27	303-0032	1	Knob, Rotary Switch (Round Style) Used During Early Portion of Spec A
12	302-1641	1	Voltmeter (M13)	28	319-2144	1	Cover, Meter – Lexan
13	302-0885	1	Meter, Time Totalizing (M14)	29	526-0002	1	Washer, Flat (#6)
14	870-1220	4	Nut, Hex – W/ET (#4-40)	30	853-0005	1	Washer, Lock – ET (#8)
15	308-1011	1	Switch, Rocker – Run/Stop/Remote (S12)	31	308-1056	1	* Gasket, Switch
16	308-1010	1	Switch, Rocker – Lamp Test/Restart (S11)	32	319-2490	1	* Bracket, Mounting – Switch
17	526-0049	13	Washer, Flat – Brass (#10)	33	815-0875-02	3	Screw, Machine – Pan Head – Cross Recessed (M4 x 8mm)
18	850-0030	5	Washer, Lock – Spring (#10) Voltmeter and Oil Pressure Gauge				

\* Use Began During Later Portion of Spec A

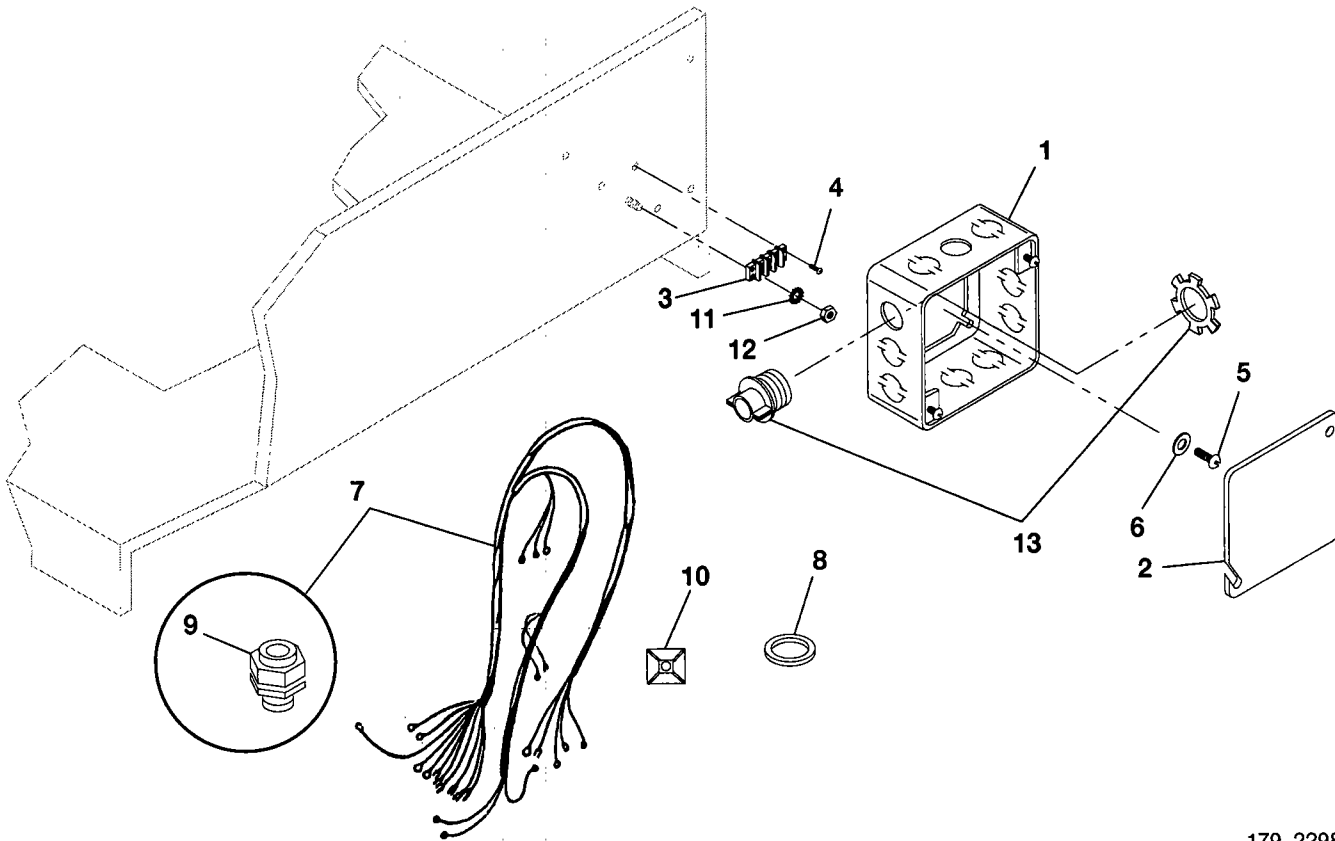
## Control Heater



300-4427  
300-4556

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Heater Assembly, Control – 100 Watt (Includes Rectifier)	2	357-0114	1	Rectifier (3 Amp)
	300-4515-01	1	120 Volt	3	338-3120	1	Harness, Wiring – Heater (40")
	300-4515-02	1	240 Volt	4	331-0027	1	Connector, Romex
				5	332-3338	1	Mount, Cable Tie

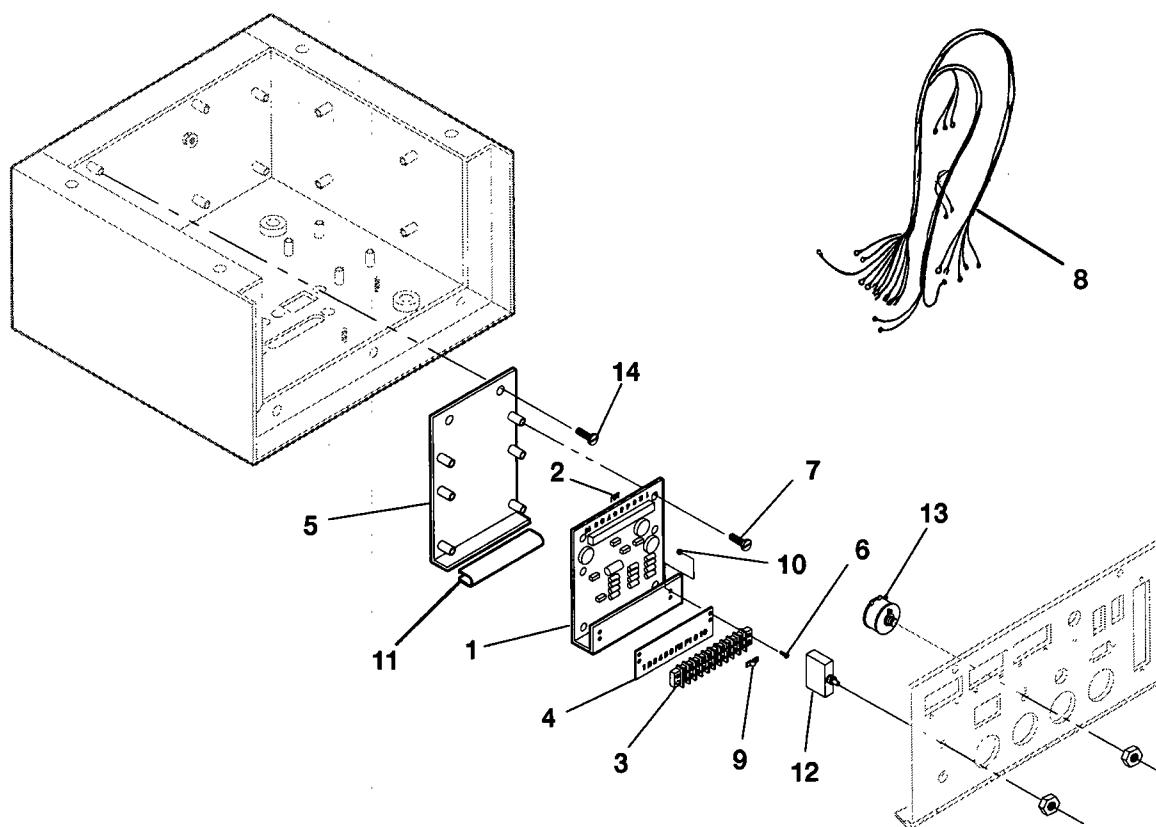
## Heater Box



179-2298

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-2407	1	Box, Extension	8	331-0544	1	Washer, Sealing (Mounted in the transfer switch for routing the heater cable)
2	319-2408	1	Cover, Extension Box	9	331-0542-02	2	Hub
3	332-0611	1	Block, Terminal (3 Place)	10	332-3338	5	Mount, Cable Tie (All mounted in the transfer switch for securing the heater cable)
4	815-0544	2	Screw, Machine - Round Head W/IT (#6-32 x 1/2")	11	856-0005	1	Washer, Locking - EIT (#12)
5	813-0101	2	Screw, Machine - Round Head (#10-32 x 9/16")	12	860-2006	1	Nut, Hex (M5)
6	526-0008	2	Washer, Flat (#10)	13	331-0027	1	Connector, Romex
7	335-0174	1	Cable, Heater (3 Wire, 126") Extension Box to Transfer Switch (Includes Hubs)				

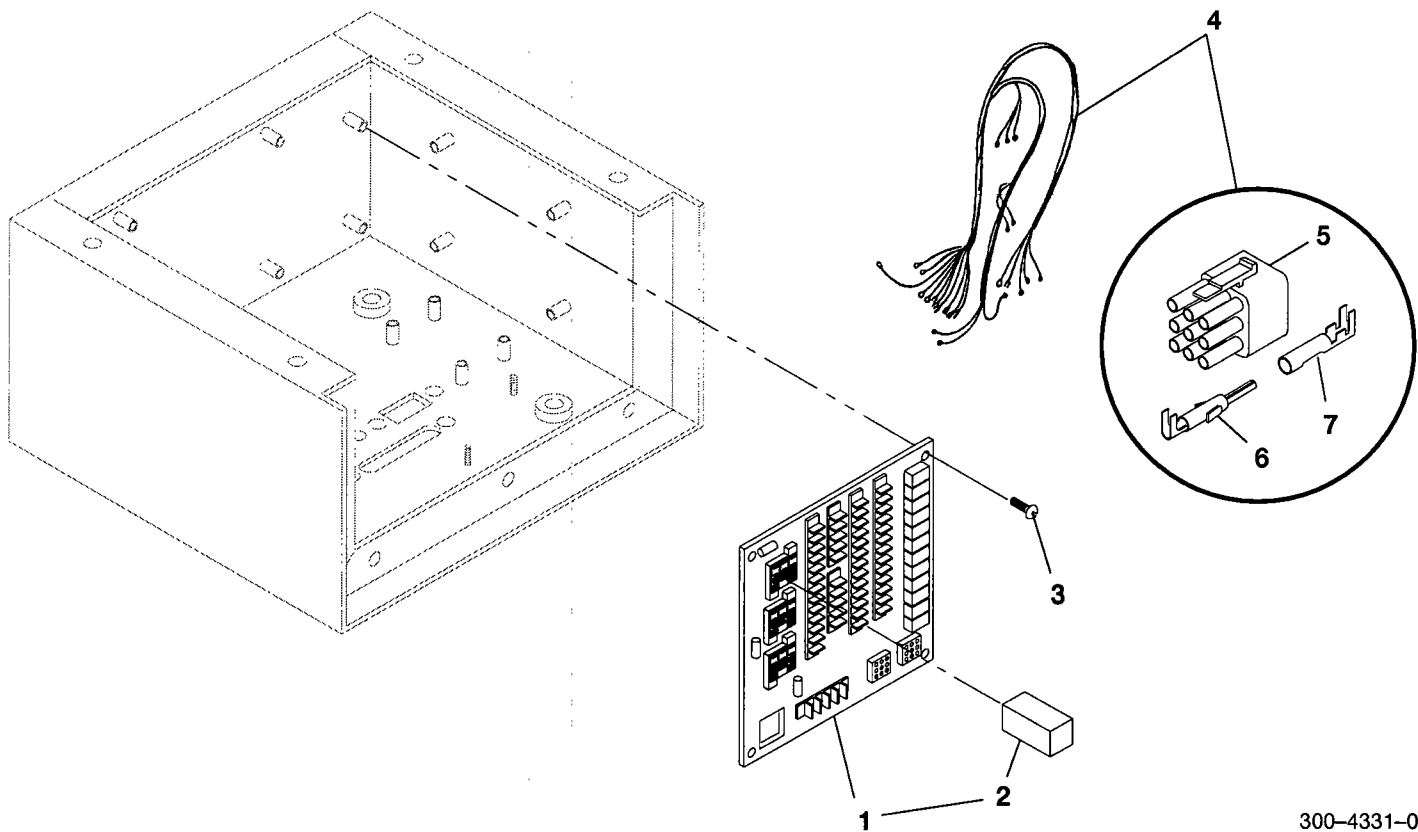
## Voltage Regulator



300-4330

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-2880	1	Board, Printed Circuit – Voltage Regulator (Includes Jumper) (VR21)	8	338-3007	1	Harness, Wiring – Voltage Regulator (6 Wire) (VRTB1 to VRTB21)
2	332-2605	1	Jumper, Terminal (VRTB1-3 to -4) (W1)	9	332-1043	1	Jumper, Terminal (VRTB21-4 to -5)
3	332-0751	1	Block, Terminal (10 Place) (VRTB21)	10	870-0221	2	Nut, Hex – W/ET (#8-32)
4	332-3247	1	Strip, Marker (10 Place)	11	508-0139	-	Channel, Rubber – Bulk (Order by the Foot – 1 Foot Required)
5	319-2145	1	Plate, Mounting – Voltage Regulator	12	320-1688-01	1	Breaker, Circuit – 5 Amp (CB21)
6	812-0082	2	Screw, Machine – Round Head (#8-32 x 3/4")	13	303-0261	1	Potentiometer (R21)
7	812-0061	6	Screw, Machine – Round Head – W/ET (#6-32 x 3/8")	14	815-0428	2	Screw, Pan Head – W/ET (#10-32 x 3/8")

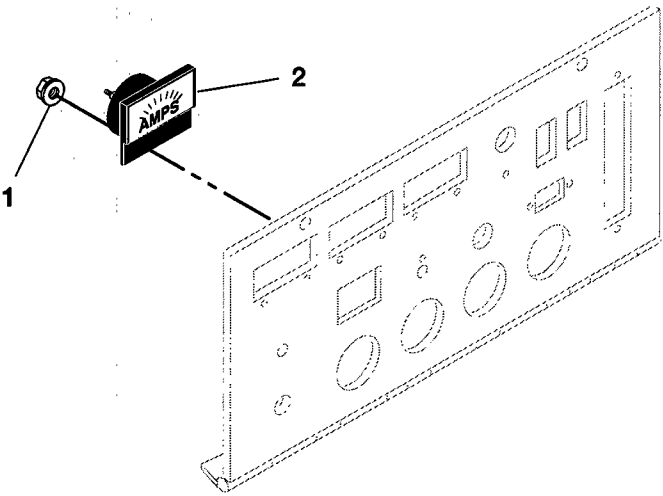
## Alarm Relay Board



300-4331-03

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Board, Printed Circuit – Alarm Relay (Includes One Relay)	4	338-2875	1	Harness, Wiring (Includes Parts Listed Below)
	300-4111-01	1	Without Form C Contacts	5			Plug, Connector
	300-4111-03	1	With Form C Contacts		323-1292	1	4 Pin (P3)
2	307-1058-01	1	Relay (Quantity Used as Required) (K1, K2, K3)		323-1291	2	9 Pin (P1, P2)
3	815-0550	6	Screw, Machine – Round Head Cross Recessed W/IT (#6-32 x 3/8")	6	323-1199	9	Pin, Contact
				7	323-1200	12	Socket, Contact

AC Ammeter

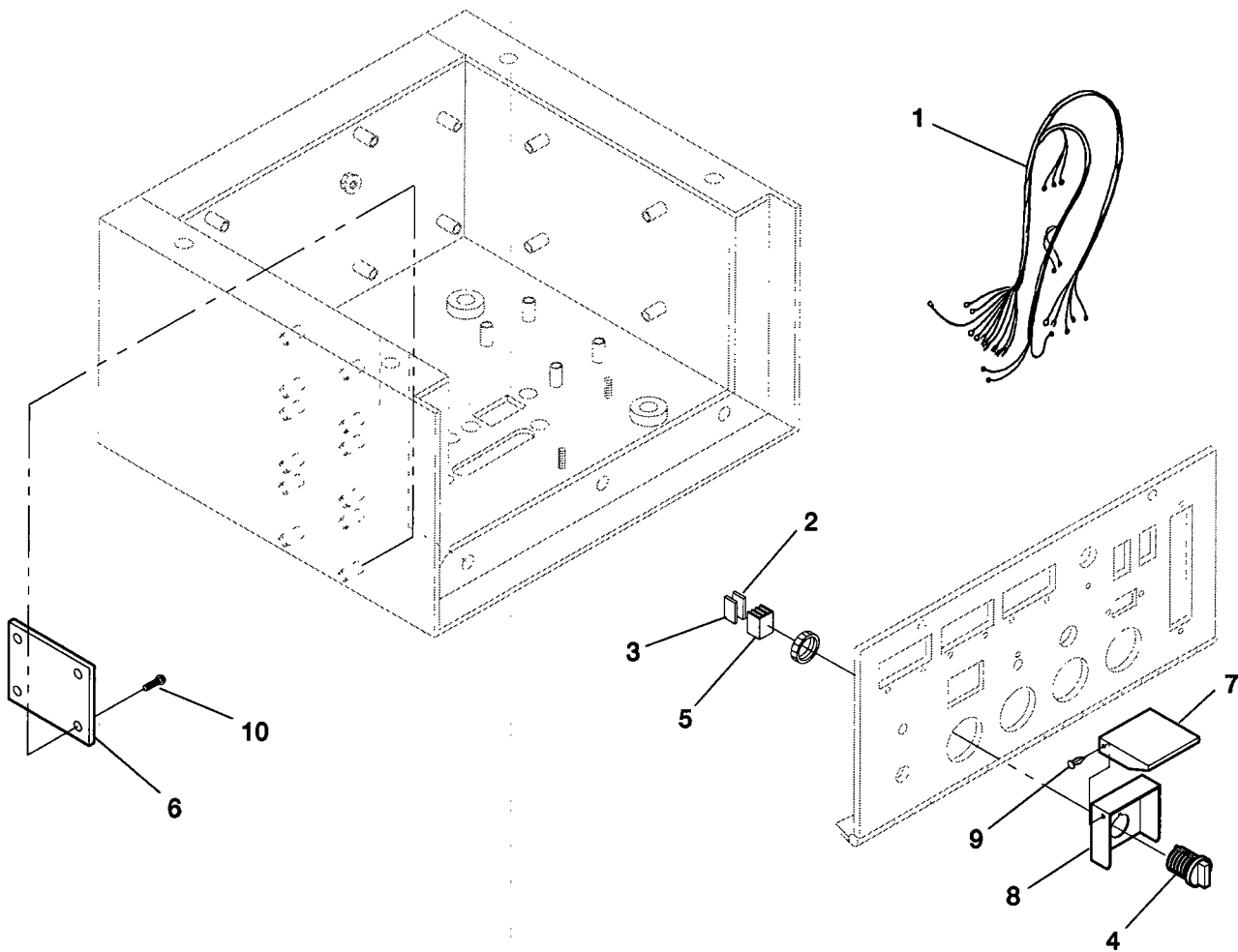


300-4333

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-1220	2	Nut, Hex – W/ET (#4-40)	2	302-1147	1	Ammeter (0-75/150) (M22)



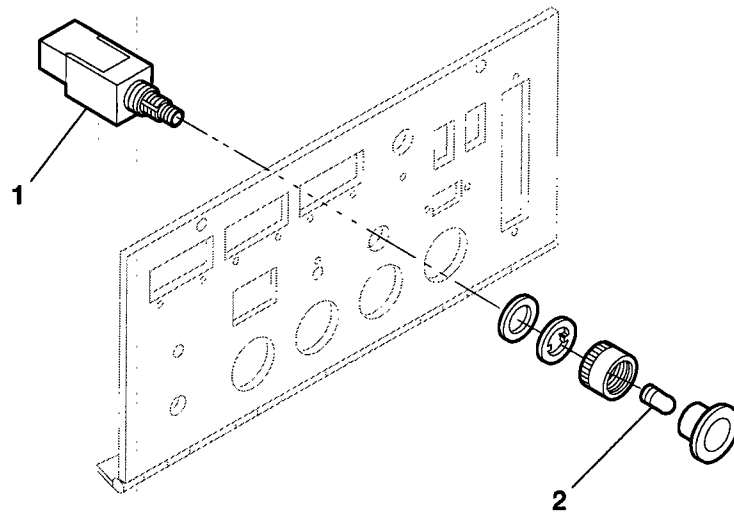
## Emergency Override Switch



300-4488

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3131	1	Harness, Wiring (A29, TB21, A15 to S15, K12, K13, A11)	4	308-1007-09	1	Switch, Selector (S15)
2	308-1006-01	1	Contact, Switch (Normally Open) (Mounted on right side facing the control panel)	5	308-1008-01	1	Clip, Retaining
3	308-1006-02	1	Contact, Switch (Normally Closed) (Mounted on left side facing the control panel)	6	300-4512	1	Board, Printed Circuit (A29)
				7	308-1043-03	1	Cover, Switch
				8	308-1042-03	1	Base, Switch
				9	517-0290	2	Plug, Hole
				10	815-0550	4	Screw, Machine - Round Head - Cross Recessed W/IT (#6-32 x 3/8")

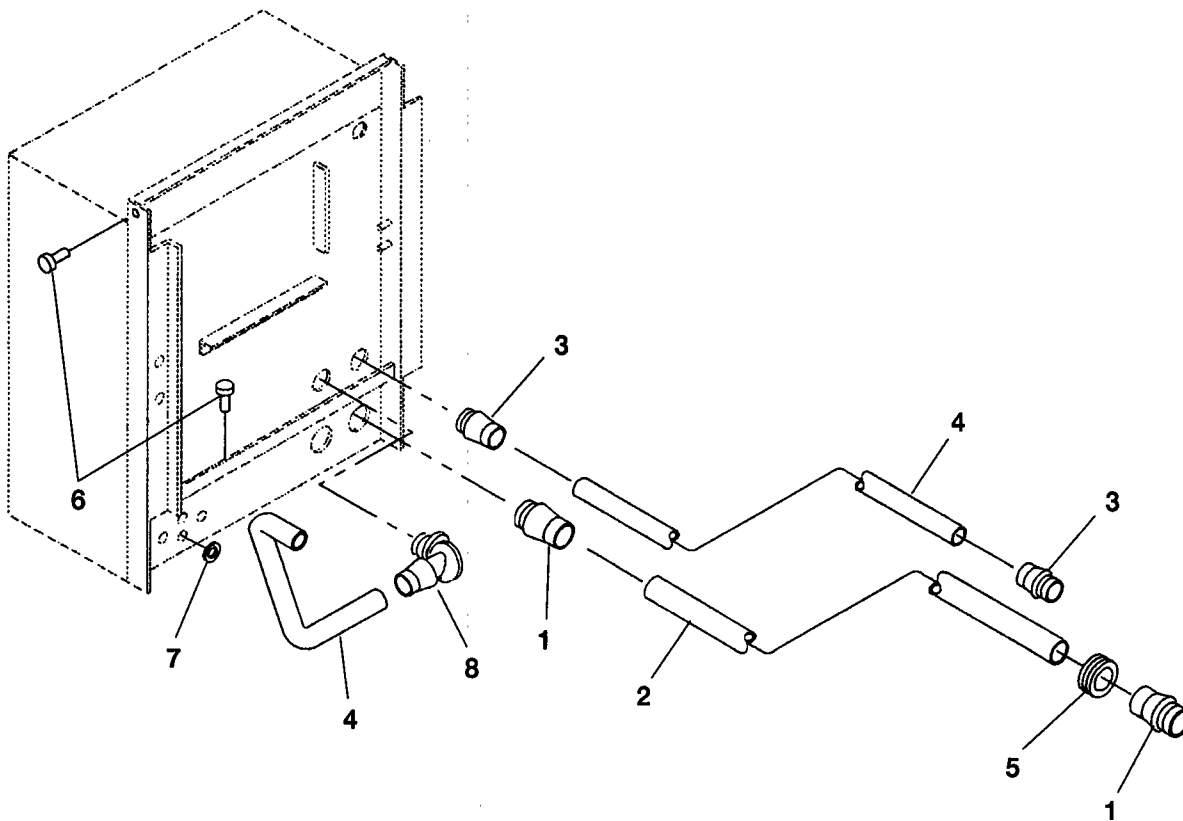
## Emergency Stop Switch



300-4334

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-1026	1	Switch, Pushbutton – Emergency Stop (Includes Bulb) (S14)	2	322-0223	1	Bulb, Replacement

## Transfer Switch



539-1573

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	331-0547	4	Connector – Liquid Tight (1-1/2")
2	331-0550	–	Conduit – Bulk – Liquid Tight (1-1/2") (Order by the Foot – 7 Feet Required)
3	331-0546	2	Connector – Liquid Tight (1")
4	331-0549	–	Conduit – Bulk – Liquid Tight (1") (Order by the Foot – 6 Feet Required)
5	508-0210	–	Edging – Bulk (Order by the Foot – 2 Feet Required)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	815-0858-01	6	Screw, Locking – Hex Flange Head (M8 x 16mm)
7	331-0544	4	Washer, Sealing
8	331-0548	1	Connector – Liquid Tight (1") (90 Deg)

**Note:** For OT125 transfer switch service replacement parts order transfer switch parts catalog number 962-0218.

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